

GRAIN DEALERS JOURNAL

Devoted to the construction and operation of better grain handling plants.

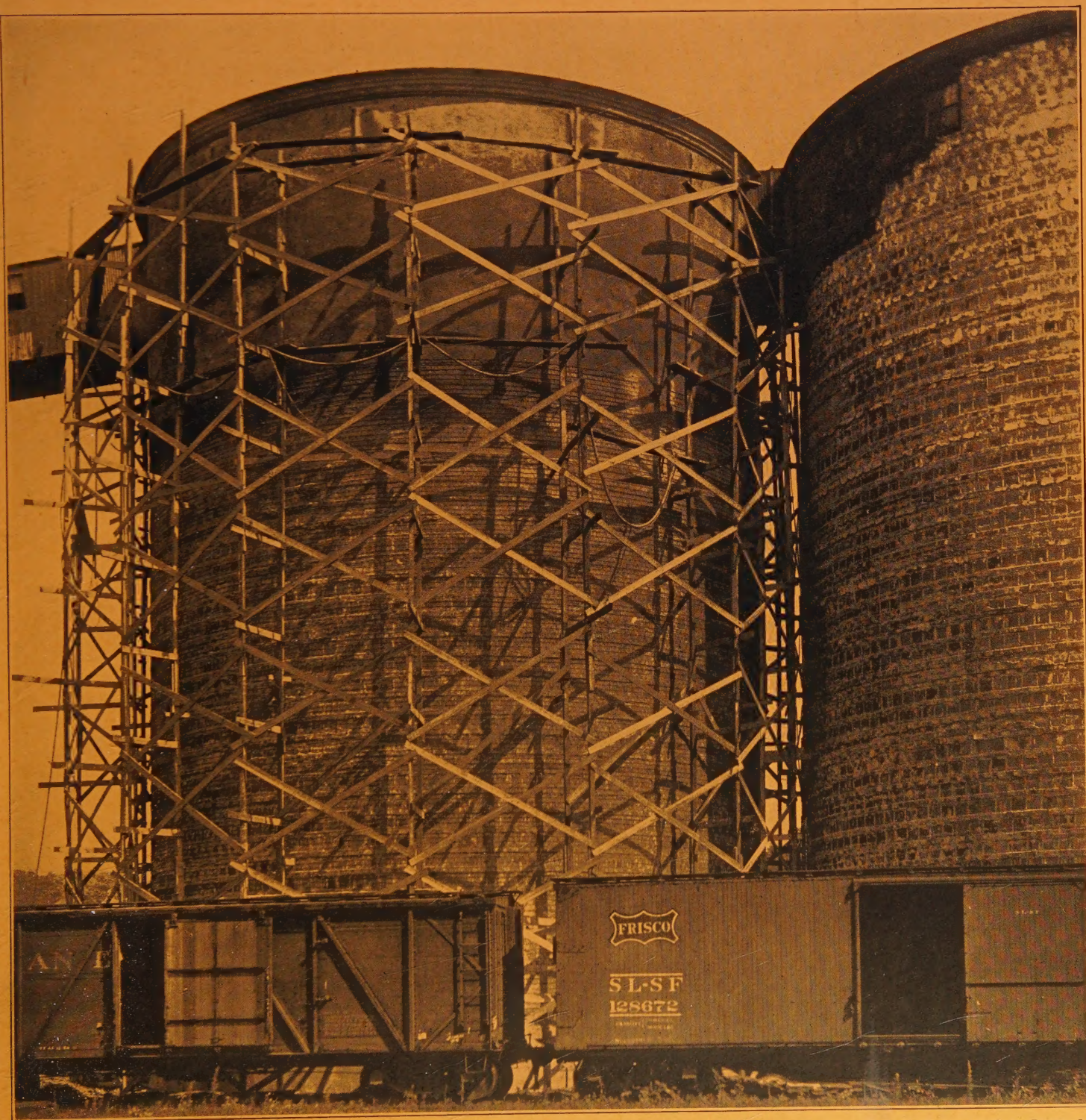


Photo by Staff Photographer of Grain Dealers Journal.

100,000-bu. Tile Grain Bins of Frisco Elevator at Kansas City, Mo., being Coated with Cement, Replacing Outer Layer of Tile Forced Off by Frost. [See description in this Number.]

The GRAIN DEALERS JOURNAL.

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Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

HAVING YOUR name in this directory will introduce you to many old and new firms during the year, whom you do not know or could not meet in any other way. Many new concerns are looking for connections, seeking an outlet or an inlet, possibly in your territory. It is certain that they turn to this recognised Directory, and act upon the suggestions it gives them.

AMARILLO, TEXAS.

Beasley Grain Co., J. N., grain and seeds.
Great West Mill & Elevtr. Co., millers, grain dlsrs.*
Kearns Grain & Seed Co., grain, field seeds.*
Kenyon Grain & Seed Co., grain and hay.
Stone, Lester, grain merchant.*
Strader Grain Co., U. S., grain, seed, feed.*

ATCHISON, KANS.

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Thistlewood & Co., grain and hay.*

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Murrel Grain Co., Ray, receivers and shippers.*

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Bartlett-Frazier Co., grain merchants.*
Brennan & Co., John E., grain commission merchants.*
Carhart Code Hardwood Co., grain commission.*
Chicago Grain & Salvage Co., salvage grain.
Clement, Curtis & Co., members all exchanges.*
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Dole & Co., J. H., grain and seeds.*
Harris, Winthrop & Co., grain commission.*
Hitch & Carder, commission merchants.*
Hoit & Co., Lowell commission, grain and seeds.
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Early & Daniel Co., grain, hay, feed.*
Scholl Grain Co., receivers and shippers.*

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Cook, Wade H., grain, hay and grain products.*

*Members Grain Dealers National Association.

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Balley, E. I., shpr. grain, millfeed, oil and c. s. meal.*
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Sheets Elevator Co., The, grain, hay, straw.*
Shepard, Clark & Co., grain merchants.*

COLUMBUS, O.

Smith-Sayles Grain Co., The, buyers and shippers.*

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Lyman, C. W., broker corn, oats, feeds, hay.

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Conley-Ross Grain Co., The, grain and beans.*
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Farmers Union M. & E. Co., millers, grain mchts.
Pheips Grain Co., T. D., wholesale grain.*
Rocky Mountain Grain Co., export and domestic grain.*
Summit Grain Co., The, wheat, corn, oats, rye, barley.*

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Christensen, George, grain broker.

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Burrus Mill & Elevtr. Co., flour milling.
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Gladney Grain Co., consignments.
Grain Marketing Co., grain merchants.*
Kimbrell Milling Co., millers and grain dealers.
Moore-Seaver Grain Co., recvrs., shprs., consignments.*
Morrow & Co., Jos., grain and cotton.
Rogers Co., E. M., strictly bkg. and consignments.*
Service Grain & Comm. Co., bkrs. consgmts., cash gr.
Smith Bros. Grain Co., consgmts-merchants.*
Terminal Grain Co., grain, hay, millfeed.*
Transit Grain & Com. Co., consignments, brokerage.*
Universal Mills, "Superior Feeds."

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HOUSTON, TEX.

Gulf Grain Co., grain, hay, millfeed.
Rothschild Co., S., grain, c/s products, rice, b/p.*

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Hutchinson Grain Co., mill orders.
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Hart-Malbucher Co., grain merchants.*
Kinney Grain Co., H. E., receivers and shippers.*
Montgomery & Tompkins, receivers and shippers.*
Steinhart Grain Co., commission and brokerage.*
Witt, Frank A., grain commission and brokerage.

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Board of Trade Members.

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Christopher & Co., B. C., kafir, fetterita, mlo.*
Davis Grain Co., A. C., grain commission.
Denton Hart Grain Co., consignments.*
Ernst Davis Commission Co., consignments.
Lichtig & Co., H., kafir, mlo, screenings.
Logan Bros. Grain Co., receivers and shippers.*
Moore-Seaver Grain Co., grain receivers.*
Norris Grain Co., grain merchants and exporters.*
Scoular Bishop Grain Co., receivers and shippers.*
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Thresher Grain Co., R. J., grain commission.*
Updike Grain Corp., consignments.
Vanderslice-Lynds Co., commission.*
Wilser Grain Co., consignments.*

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Farmer Co., E. L., brokers, grain and millfeed.*
Gordy Co., C. L., grain brok., hay, grain and mill feed.
Wilson, John R., brokers-grain and mill feeds.

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Board of Trade Members.

Callahan & Sons, receivers and shippers of grain.*
Bingham-Hewett Grain Co., recvrs., shippers of grain.*
Kentucky Public Elevator Co., storers and shippers.*
Zorn & Co., S. receivers and shippers.*

LYNCHBURG, VA.

Moon-Taylor Co., grain and hay brokers.

McKINNEY, TEX.

Reinhardt & Co., wheat, corn, oats, maize.*

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Merchants Exchange Members.

Browne, Walter M., broker and com., consignments.*
Buxton, E. E., broker and commission merchant.*
U. S. Feed Co., grain, hay, millfeed.*

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Meech & Stoddard, Inc., grain, feed, hay, flour.*

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Froedtert Grain & Maltng Co., recvrs. and shippers.*
Kamm Co., F. C., grain shippers.*
LaBudde Feed & Grain Co., grain, feed, hay.*
Milwaukee Grain Com. Co., recvrs., grain and seed.

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Cereal Grading Co., grain merchants.*
Davies Co., F. M., grain commission.*
Delmar Co., shippers.
Fraser-Smith Co., grain merchants.*
Hubenthal, C. G., gr. mchts., oil meal, chicken feed.
Hiawatha Grain Co., screenings.*
Malmquist & Co., C. A., receivers and shippers.*
Marfield Grain Co., grain commission.*
Sheffield Elevator Co., shippers of grain.*
Stuhr-Seidl, shippers grain and feed.*
Van Dusen-Harrington Co., grain merchants.*
Zimmerman, Otto A., grain and feed.*

(Continued on next page.)

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

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McKay-Reece Co., wholesale seeds & grain.

NEW CASTLE, PA.

Hamilton Co., grain, feed, flour, hay, buckwheat.*

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Produce Exchange Members.

Abel, Joseph A., grain broker.
Jones & Co., M. B., buyers—quote us.*
Knight & Co., grain brokers.
Therrien, A. F., broker.

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Hardeman-King Co., millers, grain dealers.*
Jackson Grain Co., grain merchants.
Okla. City Mill & Elevtr. Co., millers, gr. dealers.*
Mashburn-Mullin Grain Co., grain and feeds.
Scannell Grain Co., E. M., grain and feed.
Stinnett Grain Co., grain merchants.*
Vandenburgh, Jesse, milling wheat.

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Grain Exchange Members.

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Roberts Grain Co., Geo. A., consignments.*
Taylor Grain Co., brokers.*
Trans-Mississippi Grain Co., receivers and shippers.*
United Grain Co., commission and brokerage.*
Updike Grain Co., milling wheat.*

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Board of Trade Members.

Cole Grain Co., Geo. W., receivers and shippers.*
Dewey & Sons, W. W., grain commission.*
Feltman Grain Co., C. H., grain commission.
Luke Grain Co., grain commission.*
Miles, P. B. & C. C., grain commission.*
Turner Hudnut Co., receivers and shippers.*
Tyng Grain Company, receivers and shippers.*

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Commercial Exchange Members.

Richardson Bros., grain, flour, millfeeds.*
Richardson, Geo. M., grain and feeds.*
Stites, A. Judson, grain and millfeed.*

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Harper Grain Co., corn a specialty.*
McCague, Ltd., R. S., grain, hay.*
Stewart & Co., Jesse C., grain and mill feed.*

PONTIAC, ILL.

Balbach, Paul A., grain buyer, all markets.

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Grain Exchange Members.

A. J. Elevator Co., The, wheat, corn, oats.*
Gordon Grain Co., grain commission.*
Niedorp Grain Co., buyers-sellers of corn.*

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King, Douglas W., carlot distribtr. hay, grain, seed.*

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Hall Grain Co., Marshall, grain merchants.*
Hunter-Robinson Mfg. & Gr. Co., grain, feedstuffs.*
Langenberg Bros. Grain Co., grain commission.*
Martin Grain Co., grain commission.*
Martin & Knowlton Grain Co., grain merchants.*
Morton & Co., grain commission.*
Nanson Commission Co., grain commission.*

ST. LOUIS, MO. (Continued.)

Picker & Beardsley Com. Co., grain and grass seed.*
Powell & O'Rourke Grain Co., buyers-sellers corn.*
Turner Grain Co., grain commission.*

SALT LAKE CITY, UTAH.

Nelson Co., Sterling H., shprs of select milling wheat.

SIDNEY, OHIO.

Chambers, V. E., wholesale grain.*
Custenborder & Co., E. T., buyers-sellers grain.*
Wells Co., The J. E., wholesale grain.*

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De Vore & Co., H. W., consignments, grain, seeds.*
King & Co., C. A., grain and seeds.*
Southworth & Co., grain and seeds.*
Wickenhiser & Co., John, grain receivers, shippers.*
Zahn & Co., J. F., grain and seeds.*

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Derby Grain Co., wheat, corn, oats, and millfeed.*

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Beyer Grain Co., grain merchants.*
Blood Grain Co., L. D., receivers and shippers.
Harold Grain Co., J. R., consignments, mill orders.
Smith McLinden Grain Co., wheat, corn, kafir, millfeed.
Simonds-Shields-Lonsdale Co., receivers and shippers.
Stevens Scott Grain Co., receivers and shippers.
Wallingford Bros., milling and export wheat.*
Wichita Terminal Elevtr. Co., general grain and elevtr.*

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1887 Toledo, Ohio 1925

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It is FREE to all within our business range.
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advertisers depends the success of
the *Grain Dealers Journal* work.
Will you mention it?

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GRAIN COMMISSION*We Specialize in Hedging and Spreading Operations
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reading the Journal and found every issue
valuable.—J. C. McCrea, licensed grain in-
spector.

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The Ady & Crowe Mercantile Co.

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Rocky Mountain Grain Co.

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Farmers Union Mlg. & Elev. Co.

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We operate 30 elevators in eastern Colorado.*

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and
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Established - 1875

Incorporated - 1910

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COMMISSION MERCHANTS

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42-47 Board of Trade

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Miller's Code (1917), cloth..... 2.00
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A. B. C. Code, 5th Ed., with sup.....20.00
Baltimore, Export Cable Code.....15.00
Bentley's Complete Phrase Code.....15.00
Riverside Flour Code, Improved, 6th Edition12.50
Calpack Code (1923).....10.00

All prices are f. o. b. Chicago.

GRAIN DEALERS JOURNAL
309 So. La Salle St. Chicago, Ill.

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GRAIN BROKER

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Grain Exchange
Members**ST. JOSEPH**Grain Exchange
Members**We Want Your
Business**
Ask for Our Prices**The A. J. Elevator Company**
ST. JOSEPH, MO.**Hard and Soft Wheat
Corn and Oats**
Write, Wire or Phone Us

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St. Joseph, Mo.**GORDON GRAIN CO.**CONSIGNMENT SPECIALISTS
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Sellers of Cash Grain and
Field Seeds on Consignment
MILWAUKEE--CHICAGO--MINNEAPOLIS**CROWELL ELEVATOR COMPANY**
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GRAIN
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OMAHA**Clark's Car Load
Grain Tables**

Eighth edition, revised and enlarged, shows the following range of reductions of pounds to bushels by fifty pound breaks.

20,000	to 107,950 lbs.	to bushels of 32 lbs.
20,000	" 74,950 "	" " 34 "
20,000	" 96,950 "	" " 48 "
20,000	" 118,950 "	" " 56 "
20,000	" 118,950 "	" " 60 "

Pounds in red ink; bushels in black. L'n'en ledger paper reinforced, bound in flexible karatol with marginal index. Price \$2.50, weight 6 ozs.

GRAIN DEALERS JOURNAL
309 So. La Salle Street CHICAGO, ILL.**L. W. FORBELL & CO.**
Strictly Commission Merchants
Specialists in WHEAT, CORN, OATS
Consignments Solicited
340-342 Produce Exchange, NEW YORK, N. Y.**E. H. BEER & CO., INC.**
Successors to
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Commission Merchants
308-310 Chamber of Commerce, Baltimore

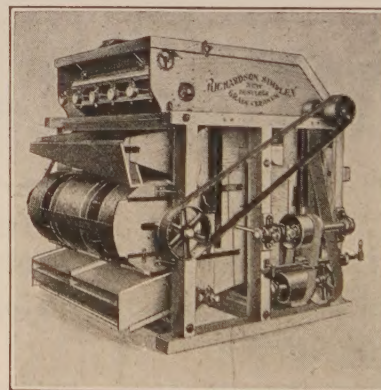

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DIXON'S
Silica-Graphite
PAINT

For the economical protection of all exposed metal or wood work.
Judge paint by the years of service obtainable and not by the cost per gallon.
Dixon's Paint is known as the long service paint. Records of from five to ten years are obtainable due to its wear-resisting pigment, flake silica-graphite.
Write now for Booklet 15-B, and learn how you may reduce your paint costs.

Joseph Dixon Crucible Company,
JERSEY CITY, N. J.
Established 1827



**THE RICHARDSON**
"Simplex" Cleaner and Separator

for use in country and terminal elevators, embodies every essential feature of any and all cleaners and separators, and has many additional features not to be found on any competitive machine.

Wm. Haack, Mgr. Farmers Co-op. Ele. Co., Litchville, N. D., says:

It does far the best work of any Cleaner I have ever seen, it has a large capacity and is a clean machine to work around, there is no dust and dirt coming from it out into the room making a dirty mess around the Cleaner and filling your lungs with dust and dirt, it is an entirely different machine from the dirty, dusty man-killing kind of Cleaners I have used before.

Let us tell you more about this cleaner.

RICHARDSON GRAIN SEPARATOR CO.
1179 15th Ave., S. E. Minneapolis, Minn.

Most Concrete Work is "Thirsty"!

ALL through concrete are distributed countless thousands of microscopic voids or holes. These exert a tremendous natural force, absorption, and the inevitable result is that most concrete is penetrated by water. No matter how careful you may be, the chances are that water will be able to easily penetrate the mass you place.

These voids are formed when the concrete is placed and most of them are the direct result of the excess water in the mix. This excess water is forced throughout the mass in tiny drops. When the mass hardens these drops evaporate and form the holes or voids.

You cannot fill them before placing—and you cannot get to them afterward.

The only sensible solution to the problem of making con-

crete water-tight is found in integral waterproofing; and Medusa Integral Waterproofing, in use for over eighteen years, does the work.

Medusa Integral Waterproofing overcomes, by reason of its chemical composition, the natural tendency to absorption. It exerts a greater water-repellency in a given area than the absorptive power of that area. As it is not affected by water the action is permanent.

To the man about to build a new elevator Medusa Waterproofing offers positive assurance of dry pits and basements.

To the man now suffering from damp pits and basements Medusa Waterproofing offers a remedy.

To both we offer our services in solving your difficulties.

Medusa Waterproofing does not affect the strength, hardness or setting properties of the concrete.

We will gladly send you specific information on any particular type of work, or if you wish it, a general catalog covering all classes of work.

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THE ENGINEERS BUILDING CLEVELAND

Manufacturers of Medusa Non-Staining White Cement (Plain and Waterproofed); Medusa Waterproofing (Powder and Paste); Medusa Gray Cement (Plain and Waterproofed); and Medusa Cement Paint.

MEDUSA

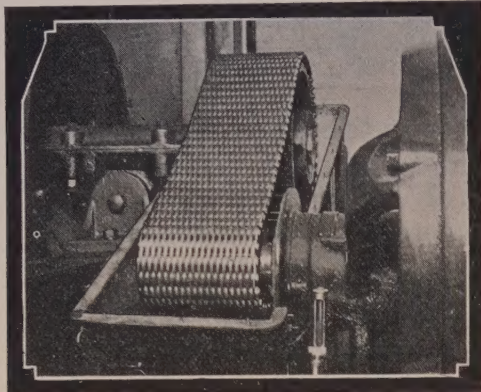
WATERPROOFING

Powder or Paste



Simplicity Plus 98% to 99% Efficiency

125 H. P. Beater Drive operating in Consolidated Water Power Paper Co., Wisconsin Rapids, Wisconsin.

**Ideal^{for} Unit Drives!**

No matter how great the reduction or how short the center, American High Speed Chains never slip—never fail to operate with highest efficiency.

Heat treated parts eliminate bushings and resist wear under the most severe conditions.

With American High Speed Chains, you harness all but a negligible fraction of the power. The links ride into the sprockets one set after the other with practically no sliding contact and the fiend of friction is vanquished for good.

98% to 99%

of the power applied is transmitted to the machine being driven; and that efficiency is unchanging.

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HIGH SPEED CHAIN CO.
Indianapolis, Ind.

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Simplicity Plus 98% to 99% Efficiency

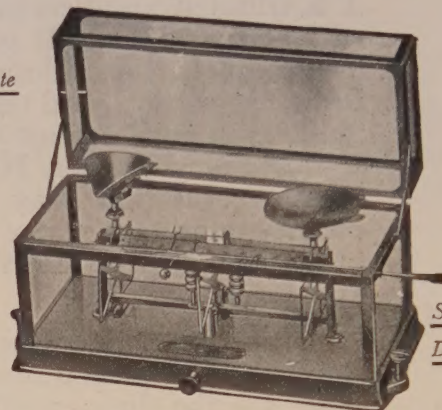
Extensively used by U. S. Dept. of Agriculture,
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Scale No. 5055**

For determination of percentage of damaged kernels; foreign material other than dockage; wheat of other classes; acidity test of corn, etc.

Accurate

Rapid



Sensitive
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No. 5055

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**Increase the Capacity of
Your Elevator****WELLER "SUPER - CAPACITY"
ELEVATOR BUCKETS WILL DO IT**

Perfect discharge at low or high speed.
Substantially constructed of heavy sheet metal.
Riveted at each corner. Spot welded on laps.
Reinforced with extra thickness of steel on the back.
High or extended sides prevent side spillage.



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Circular and Price List

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CHICAGO

Morse Silent Chain Drives

The Original Rocker Joint Chain



Morse Silent Chain Drives in Packaging Department of Postum Cereal Co., Inc., Battle Creek, Mich.

Dependable Power

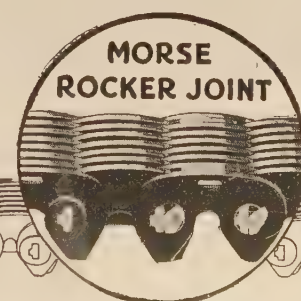
Flexible as belts, positive as gears, more efficient than either. Run slack on short or long centers thus absorbing shocks, guarding motors and machines from injury. Friction loss less than 1½%. From ¼ H. P. to 5,000 H. P. Speeds from 6,000 to 250 RPM. or slower.

Morse Chain Company, Ithaca, N. Y., U. S. A.

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Kewanee

All Steel Truck Lift

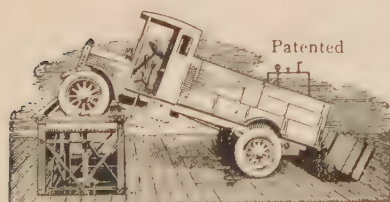
Ask Elevator Contractors

Ask your elevator contractor what truck-dumping device he would install in an elevator he was building for himself. Ten to one he would say "Kewanee." Try it and see. The following are a few of the reasons why.

A Kewanee reaches the job completely assembled. It's not a device that must be put together after it arrives. All assembling work is done in our plant—and we know before any lift is shipped that it will work right, "right off the bat."

It's all steel and as husky as a steel bridge. And instead of the cheaper welded tank furnished with many lifts you get a heavy riveted steel air receiver.

And while the Kewanee sells because of its high quality it is a matter of known fact that it actually costs less installed than most other reliable devices.



NOTE: There's no freight saving in buying a knocked down device. The Kewanee reaches you completely assembled. That saves you time and money

Kewanee Implement Company

Kewanee, Illinois

Southwestern Distributors

Fairbanks, Morse & Co., Kansas City, Mo.

Abreast of the times

Grain dealers who keep abreast of the times know what the millers who buy grain are thinking and doing. This information can best be obtained by reading

THE MILLERS REVIEW
and
DIXIE MILLER
Atlanta, Ga.

A MONTHLY JOURNAL DEVOTED TO MILLING, FLOUR, GRAIN

Sample copies to interested parties upon request

43 years young; subscriptions \$1.00 a year

Duplicating Grain Contracts

Do not take chances on verbal contracts for future delivery of the grain you are now purchasing. With the present unstable condition of the markets, Mr. Farmer is very liable to forget them if the market should advance or his crop be a failure.

Our Duplicating Grain Contracts will save you time, worry and money and should be used on every purchase. They certify the Farmer "has sold — Bushels of — at — cents per bushel, to grade No. —, to be delivered at — on or before —." They also certify that "If inferior grain is delivered, the market difference at which such grain is selling on day of delivery shall be deducted."

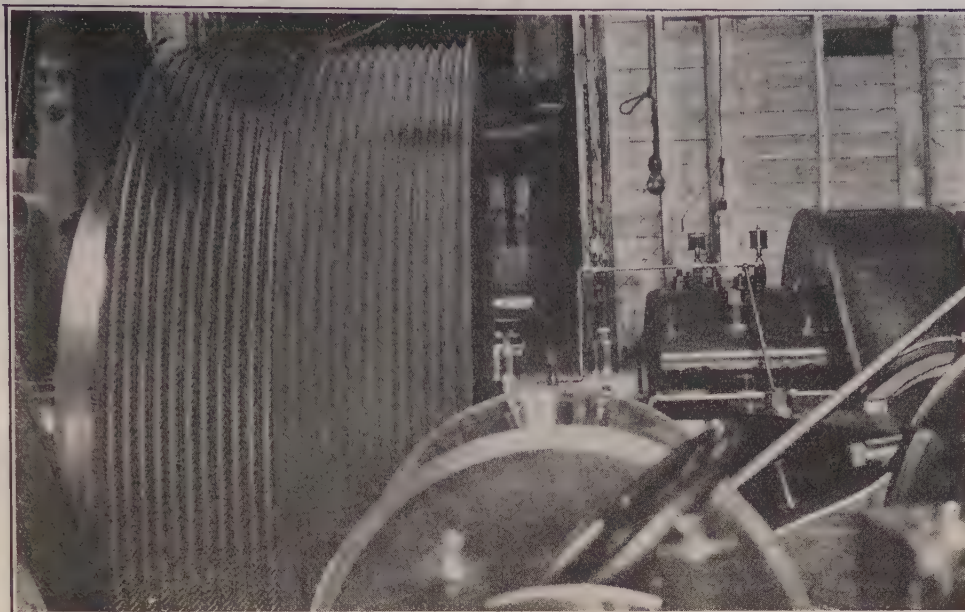
Put up in books of 100 duplicate sets. Originals of bond paper are machine perforated so they may be easily torn out, while the manila duplicate remains firmly bound in the book. Both sheets contain a printed form on the back for entering all grain delivered on the contract. Check bound and supplied with 3 sheets of carbon. Order FORM 10DC, Price \$1.15.

Send all orders to

Grain Dealers Journal

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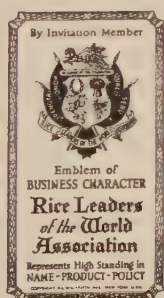


Anticipation of Future Requirements

When installing a rope transmission system, provision may be made for future increase of power by having a few extra grooves on the driving sheave. These may be utilized as the demand for additional power increases. By this method complete replacement of expensive gears, pulleys, etc., is not necessary as would be with other systems.

Columbian Transmission Rope

on any drive is definite assurance of a constant distribution of power, which will keep the wheels turning day in and day out for years. Such service warrants your giving it a trial when you are again in need of Transmission Rope.



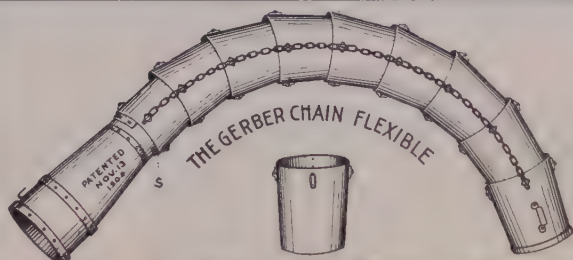
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Genesee Street

Auburn, "The Cordage City" New York

Branches: New York Chicago Boston New Orleans





Gerber 4-lug Chain Telescope Flexible Car Loading Spout; either round or square head.

GERBER

Grain Elevator Equipment



Minneapolis "V" Elevator Bucket

The time is drawing near when you will overhaul your old elevator or build a new one. When buying equipment order from Gerber.

Our New Gerber double and triple distributing spouts are the only practical spouts for elevator legs of two or three stands. All legs can be used to elevate into one bin or car at the same time, or can be used separately. Only one spout is required to run from distributors to each bin.

You have full control of your distributing. All spouts are operated from working floor.

We manufacture the best "V" bucket made. You can greatly increase the capacity of your legs if equipped with "V" buckets.

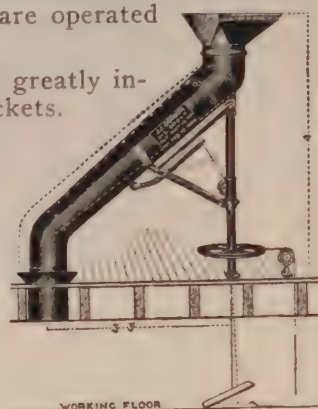
Get your elevator in order before the new crop starts to move. We can quote attractive prices on the best of everything in the grain elevator equipment line. Write us for catalog.



New Gerber Double Distributing Spout; with or without steel spout frame; also made for single and triple leg.

James J. Gerber

128 Sixth Ave. South
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The Gerber No. 2 Distributing Spout.

SULPHUR

Highest quality for bleaching grains. Guaranteed 99.5% pure and entirely free from arsenic. Quick shipment from mines or nearby stocks.

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Plants
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We have equipped 75% of the terminal elevators built or equipped during the last 20 years in the U. S. and Canada. You can profit by this experience.

Write us for particulars.

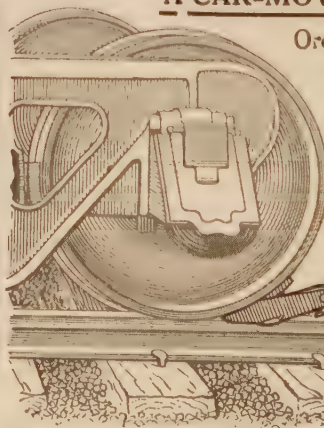
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Order one on 30 days' FREE

TRIAL. Freight both ways paid by us if you don't find it worth the price and then some.



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The New Badger
ADVANCE
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Look for the word "New Badger"--it identifies our product

Built to stand the gaff



EVEN the "heavy" scale of yesterday is too light for the trying service that is being imposed by the ever-increasing use of auto trucks.

These heavier loads and greater shocks on the scale platform have made it necessary to get entirely away from wagon scale construction in building Auto Truck Scales.

The Fairbanks principle that has been so thoroughly tested in heaviest weighing—the Fairbanks hopper scale or track scale principle — is incorporated in the Type "S" and gives a degree of ruggedness and accuracy hitherto impossible in a scale of this type.

One of our representatives will show you why modern weighing requirements demand this super-scale. The coupon below will bring your copy of the informative booklet, "A Talk on Scales."

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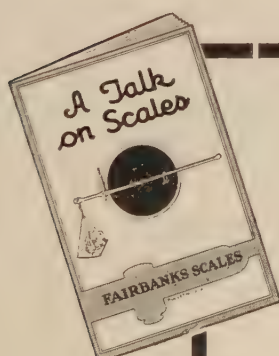


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And 40 other principal cities in the United States.



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900 S. Wabash Ave., Chicago.
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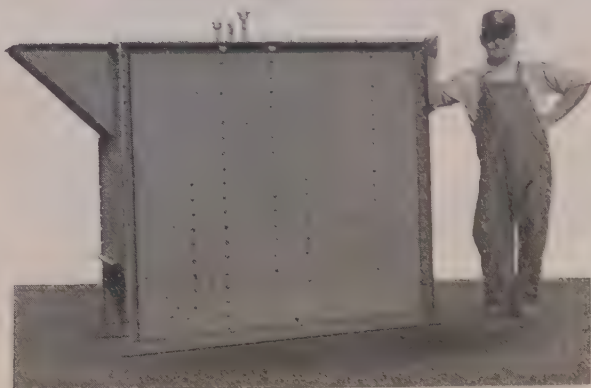
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Name

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Monarch Made Is Well Made



For Grain Elevators

This boot is but a sample of the work we are daily fabricating in our large and modernly equipped sheet metal shop.

Spouting, hoppers, bin bottoms, tanks, elevators, gratings, in fact, all kinds of grain handling equipment can be made to your specifications promptly. The quality of work done must meet your expectations.

It will be to your interest to submit your requirements to us for estimate. It costs you nothing.

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The Monarch Mill Builders



We build our chain feeders to deliver the capacity of the U. S. sheller which is sufficient endorsement of durability and capability.

Get Your Grain In—And The Farmer Out—In a Hurry. The Cost Is No More

Here is your combination for speed and insurance against the costly "Choke-up."

**The U. S. Chain Conveyor and Feeder
The U. S. Pitless Corn Sheller
The U. S. "V" Type Elevator Bucket**



The "V" bucket completes a U. S. Sheller installation by giving the increased elevating capacity required. Manufactured in all sizes with dies stamping the bucket at one operation from a single sheet of metal.

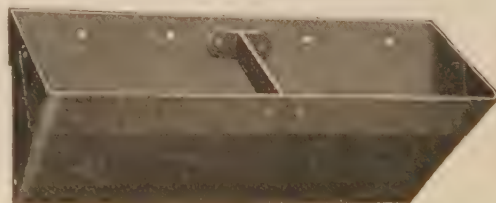
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Statement by Owner

"The U. S. Sheller has devoured everything from cog wheels to 40 feet of drag chain and seems to like it. Leaves the cobs cleaner and in better size than other shellers we are operating."

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Manufacturers of Grain Elevator Equipment
and XXth Century Flour Mills.
BLOOMINGTON, ILL.



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"Eureka"—"Invincible" Grain Cleaning Machinery



"INVINCIBLE" GRAVITY SEPARATOR

sometimes called the
NEEDLE SCREEN

Gravity and Vibrating Needles do the work
Self-acting Requires no power No moving parts

Ideal for separating slim grains and small seeds from fat kernels. In its descent, the grain tumbles over a series of vibrating needle screens. Seeds and thin, light, underweight kernels drop through the spaces between the needles. The larger, heavier, sound grain rides over the ends of the needles and comes out CLEAN.

A splendid machine for separating
Wild Oats, Immature Kernels
and Small Seeds from



Double Machine



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When better machines are built, they will still be called
"Eureka" and "Invincible" Grain Cleaners

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INVINCIBLE GRAIN CLEANER CO. SILVER CREEK, N.Y.



"EUREKA" - "INVINCIBLE" GRAIN CLEANING MACHINERY

European Branch: 64 Mark Lane, London, E. C. 3, England.



McMillin Wagon & Truck Dump

Prepare to handle any style or length wagon that may come to your elevator, as the farmers are each year using more of the long coupled wide bedded wagons.

The McMillin dump handles any length wagon or truck, and they can be raised to any slope, even sufficient to discharge grain from the rough wagon beds without the necessity of getting in the bed and kicking or raking it out.

It will dump any length vehicle into one dump door. By extending the track the one device will dump into several dumps in a line in the driveway. Few, if any, changes required in your driveway as it has no connection with driveway floor.

All dumps equipped for operating by hand or power.

Two Horse Power Motor or 4" belt from other machinery is sufficient.

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L. J. McMILLIN
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Cover's Dust Protector

Rubber Protector, \$2.00
Sent postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

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BAD ORDER CARS

cause the loss of many hard earned dollars to shippers of grain and seed.

MUCH OF THIS LOSS can be saved by the use of Kennedy Car Liners. These car liners practically condition a bad order car and enable shippers to load cars that otherwise would be rejected.

KENNEDY SYSTEM of car liners prevents leakage in transit and are made for all cases of bad order cars, consisting of full Standard Liners, End Liners and Door Liners.

WILL YOU NOT give us an opportunity to submit full details of our system and the low cost for this protection? We are confident this would demonstrate to you the efficiency and money saving merits of our car liners.

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10,000 SHIPPERS
Are now using

TYDEN CAR SEALS

Bearing shipper's name and consecutive numbers.

Prevent
CLAIM LOSSES
Write for samples and prices

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IT PAYS TO GRIND ALL GRAINS

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"Desire to express my appreciation of the long-lasting, trouble-proof Bowsher. Have used a No. 4 ten years with less than One Dollar per year for repairs." *E. W. Watt, Jacobsburg, O.*

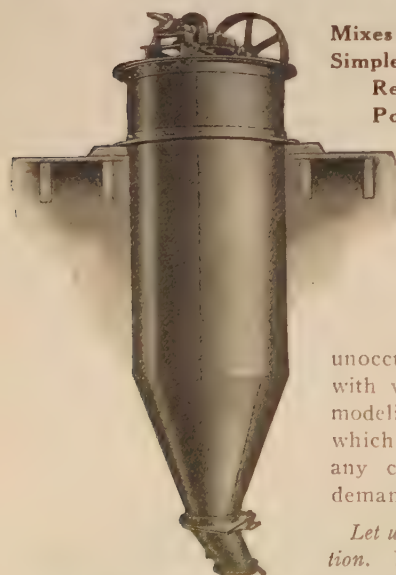
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The Grain Dealers Journal

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Mixes Quickly and Thoroughly
Simple to Install and Operate
Requires Little Power
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Here is a feed mixer that will efficiently and economically turn out well mixed soft dairy feeds and scratch grains for poultry—one that can be placed in any unoccupied corner of your plant with very little expense for remodeling or installing; and which is always ready to mix any class of feed your trade demands.

Let us send you complete information. Write for Bulletin No. 32.

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Buy Grain by Grade Samples

Your commission house will gladly furnish you with popular samples from actual sales of graded cars. Place these samples under glass in a

GRADE TEST GRAIN SAMPLER
"pocket size"

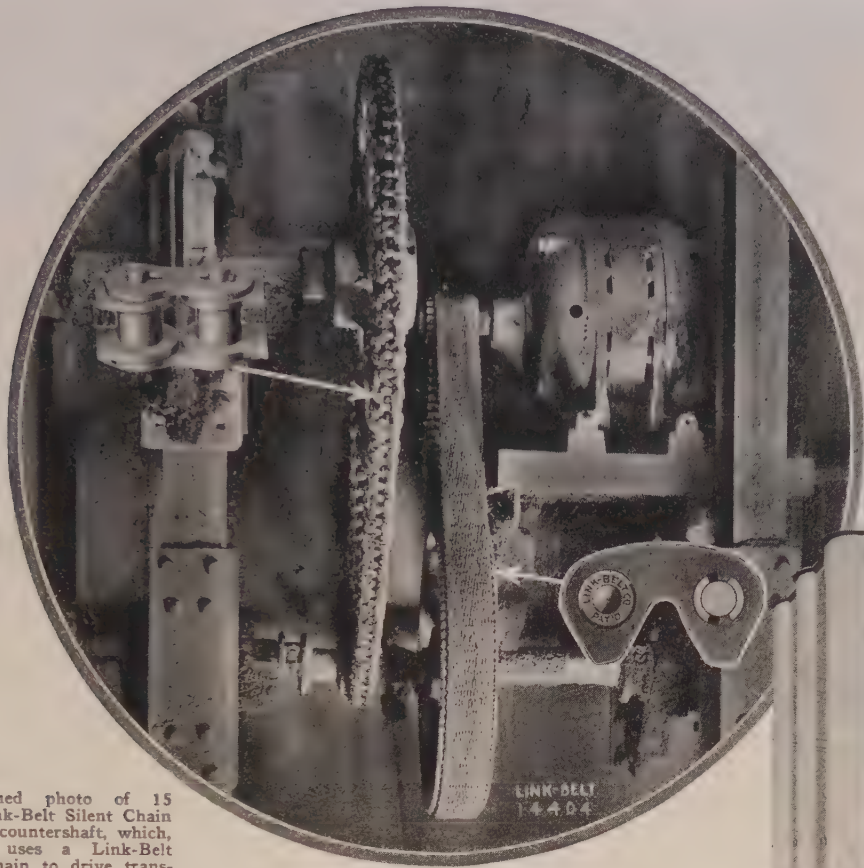
Has open center compartment for load sample joining all graded samples. A dip of sampler into load you are buying tells which grade your load is in.

Ask your commission man for the Grade Test Grain Sampler. If he can't supply you send \$3.50 for one postpaid with the understanding you may return it in 30 days and get your money back if it does not save you ten times its cost.

Turner Brothers - Bladen, Nebr.

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Depends upon placing it before the right persons. You can get your advertisements before the grain dealers of the country by using this space.



Unretouched photo of 15 H. P. Link-Belt Silent Chain Drive to countershaft, which, in turn, uses a Link-Belt Roller Chain to drive transfer elevator shaft at the Pearlstone Mill and Elevator Co., Dallas, Texas.



Pearlstone Mill Uses Link-Belt Silent and Roller Chain Drives

THIS modern plant of the Pearlstone Mill and Elevator Co., at Dallas, Texas, furnishes another example of the efficient and economical performance of Link-Belt double reduction, Roller and Silent Chain Drives.

Here, for over three years, these drives, though without casing, have given reliable, economical service, transmitting power from motors to elevator countershafts at sustained, uniform speeds.

Link-Belt Silent Chain Drive is safe, trouble free, dependable, and 98.2% efficient (on actual test). When used with Link-Belt Roller Chain, as illustrated, it provides an ideal double reduction unit. Write for Silent Chain Data Book No. 125 also Roller Chain Data Book No. 257. Address

LINK-BELT COMPANY

Leading manufacturers of Elevating, Conveying and Power Transmission Machinery

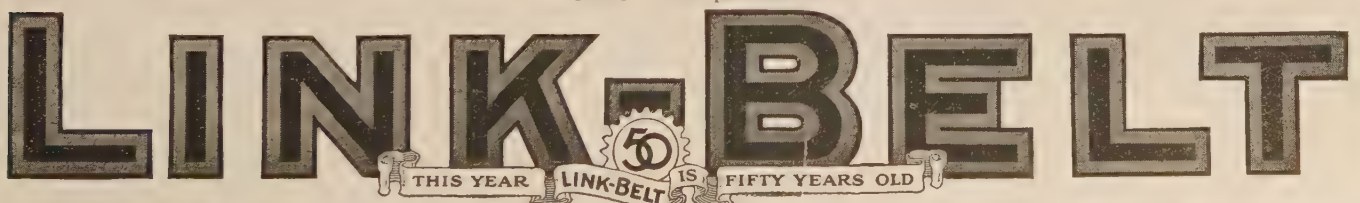
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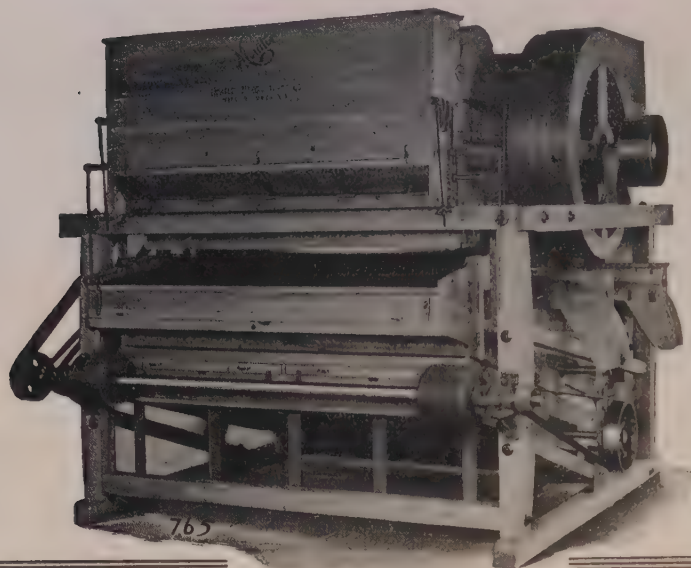
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INDIANAPOLIS, P. O. Box 85

2184



Silent and Roller Chain Drives



What Dockage Are You Shipping?

What does it amount to per year? Of course, you realize that every pound you ship is a sheer waste of money in freight charges.

5800 cars of dockage—7,500,000 bushels shipped out of the northwest in one year. A stupendous waste of money.

You can avoid this by using the MONITOR Cleaner. Then your shipments will be pure grain and nothing else, grading high and selling at top prices. You can dispose of the screenings at home at a profit for the feeders now recognize their value as feed.

There is every reason for your putting in a MONITOR now and none against it. Let us figure prices for your capacity.

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Grain Elevators, Transfer Houses
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Wood or Concrete

Concrete Pits that ARE Waterproof

418 Iowa Building - Sioux City, Iowa

L. D. Rosenbauer, Pres.
H. P. Roberts, V. Pres.

L. W. Ledgerwood, Sec.
A. E. Owen, Supt. Cons.

Southwestern Engineering Company

Designers and Builders of
MODERN MILLS,
ELEVATORS and
INDUSTRIAL PLANTS
SPRINGFIELD, MO.

C. T. Stevens

C. E. Roop

C. B. Barutio

Stevens Engineering & Construction Co., Incorporated
Designers and Builders—GRAIN ELEVATORS—WAREHOUSES—FLOUR and FEED MILLS
319 BUDER BUILDING ST. LOUIS, MISSOURI

MACDONALD ENGINEERING CO
DESIGNERS AND BUILDERS OF
GRAIN ELEVATORS
San Francisco Chicago New York Toronto

CRAMER BUILT
is the mark designating the best in Grain
Elevator Construction at normal prices
W. H. Cramer Construction Co.
NORTH PLATTE, NEBR.
Plans and Specifications Furnished

S. E. DYSON
643 N. 4th St. Springfield, Ill.
Contractor and Builder
Grain Elevators

HICKOK Construction Co. MINNEAPOLIS **ELEVATORS**

★ ★ — ★ ★
★ **The Star Engineering Company** ★
Specialists in
Grain Elevator Construction

Our elevators stand every test,
Appearance, Strength, Durability
and Economy of Operation.

Estimates and information promptly furnished

★ ★ — ★ ★
Wichita, Kansas ★ ★

WANT A JOB?

Advertise in the "Situation Wanted"
columns of the Grain Dealers Journal.

GEO. A. SAATHOFF
CONTRACTOR and
ELEVATOR BUILDER
Mayer Hotel Peoria, Illinois

J. E. STEVENS
53 Devonshire St. Boston, Mass.
Designer and Builder of
MODERN GRAIN ELEVATORS

HORNER & WYATT
Designers of
Flour Mills and Grain Elevators,
Warehouses, Power Plants and
Industrial Buildings.
Preliminary Sketches and Estimates,
Valuations and Reports.
New Board of Trade, Kansas City, Mo.

A. F. ROBERTS
ERECTS ELEVATORS
CORN MILLS
WAREHOUSES
FURNISHES PLANS
ESTIMATES
MACHINERY
SABETHA KANSAS

L. J. McMILLIN
ENGINEER and CONTRACTOR of
GRAIN ELEVATORS
Any Size or Capacity
523 Board of Trade Bldg., Indianapolis, Ind.

For elevator and mill supplies we
issue a net price catalog. If in
the market write us for one.
WHITE ★ STAR ★ CO.
WICHITA, KANSAS

Tell us what you
need for your
Grain Elevator
and we'll tell you
where to get the
latest and best.

INFORMATION BUREAU
Grain Dealers Journal, 305 So. La Salle St.,
Chicago

GRAIN and COAL ELEVATORS
T. E. IBBERSON CO.
CONTRACTING ENGINEERS
MINNEAPOLIS, MINN.

When writing advertisers mention the Grain Dealers Journal of Chicago which works to
improve your trade conditions. By so doing you help it and your own business.



One of a Group of Elevators

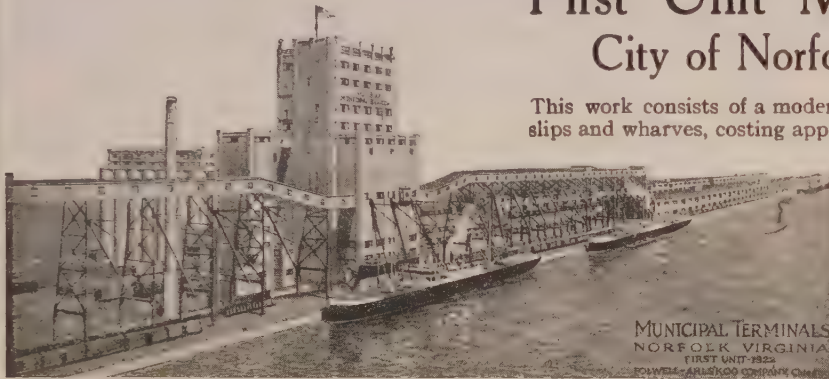
Built by us at Port Arthur. The group includes elevators for

The James Richardson & Sons, Limited.
The Saskatchewan Co-operative Elevator Co., Limited.
The Grain Growers' Grain Company, Limited.

THE BARNETT-McQUEEN COMPANY, LIMITED

Designers and Builders of GRAIN ELEVATORS

Offices: Fort William Ont., Duluth, Minn. Minneapolis, Minn.



First Unit Municipal Terminals, City of Norfolk, Virginia, U. S. A.

This work consists of a modern concrete grain elevator, piers, warehouses, slips and wharves, costing approximately \$5,000,000. It is being constructed in accordance with the plans and specifications and under the engineering supervision of

Folwell-Ahlskog Co.

Engineers and Constructors

Chicago, Illinois, U. S. A.

Operated by
The Eastern Grain,
Milland Elevator
Corporation



Concrete-Central
Elevator, Buffalo, N. Y.
Capacity
4,500,000 Bushels

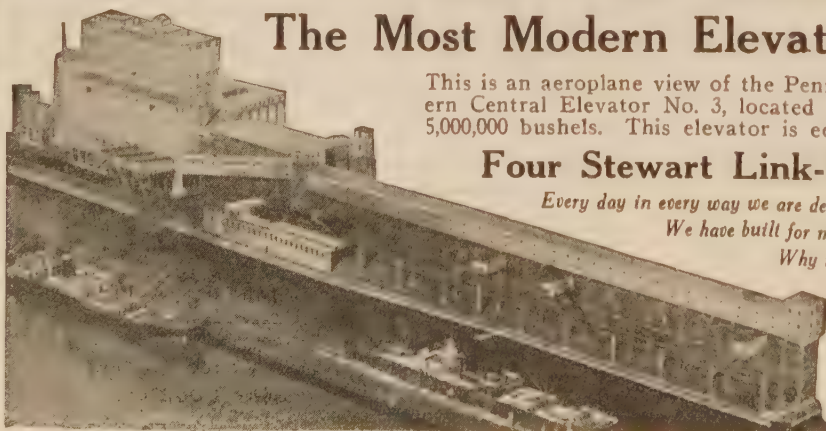
Designed and Built by Monarch Engineering Company Buffalo, N. Y.

The Most Modern Elevator in the World

This is an aeroplane view of the Pennsylvania Railroad Company's new Northern Central Elevator No. 3, located at Canton, Baltimore, Maryland, capacity 5,000,000 bushels. This elevator is equipped with

Four Stewart Link-Belt Grain Car Unloaders

*Every day in every way we are designing and building better and better Grain Elevators
We have built for many of your friends—Eventually we will build for you
Why not now?*



James Stewart & Co., Inc.

Designers and Builders
GRAIN ELEVATORS
In All Parts of the World
Grain Elevator Dept., W. R. Sinks, Manager
1210 Fisher Building, Chicago, Ill.

2,000,000 Bushel Elevator
3,000 bbl. Flour Mill
Office Building
Power Plant
Warehouses
and other
Buildings

Built by

Fegles Construction Co., Ltd.

Minneapolis, Minn.

Ft. William, Ont.



State Owned Mill and Elevator, Grand Forks, N. D.



Canadian Government Elevator
Edmonton, Alberta
Capacity 2,500,000 Bushels

OUR principal contracts during the last three years include Elevators for the

Bawlf Terminal Elevator Co., Ltd, at Port Arthur, Ont.

Stewart Terminals, Ltd., at Port Arthur, Ont.

Canadian Government, at Edmonton, Alta.

Canadian Government, at Prince Rupert, B. C.

Carter-Halls-Aldinger Company, Ltd.

General Contractors

720 Palace Building, - - Minneapolis, Minnesota
515 Union Bank Building - - Winnipeg, Canada



Kimbell Milling Company Elevator
Fort Worth, Texas

Total capacity 800,000 bushels

First unit including headhouse with 550,000 bus. storage completed 1924; second unit of 250,000 bus. storage completed early in 1925.

Designed and Built by

Jones-Hettelsater Construction Co.

Grain Elevators—Flour and Feed Mills

706 Mutual Bldg. Kansas City, Mo.

"A 1923 model that speaks for itself"

Baltimore & Ohio R. R.
Baltimore



John S. Metcalf Co.

Grain Elevator Engineers

108 S. La Salle Street
Chicago, Ill.

54 St. Francois Xavier
Street

Montreal, Que.

also at

Melbourne,
Australia

Buenos Aires,
Argentina

Vancouver, B. C.

London,
England

DREADNAUGHT FEED GRINDER



WELL
KNOWN

WELL
LIKED

Orders Seventh Dreadnaught

Our Motor Type DREADNAUGHTS at Bay Port, Caseville and Gagetown, as well as, our belt driven DREADNAUGHTS at Gilford, Pigeon and Fairgrove are very satisfactory.

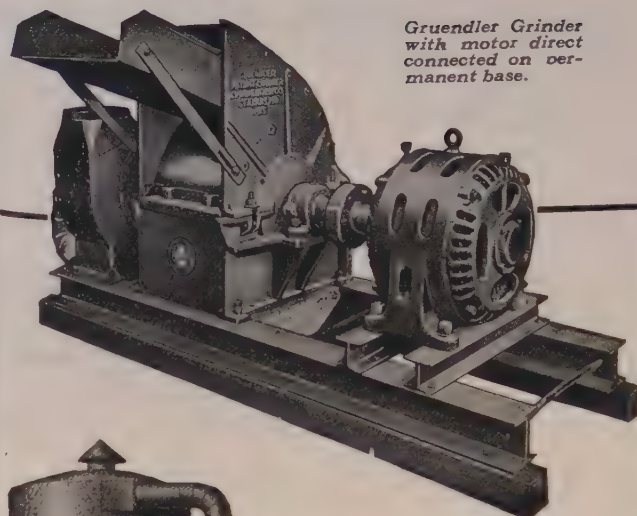
We investigated other makes of grinders this spring and have decided on another 24" Motor Type DREADNAUGHT for our Elkton station. Please ship at once.

WALLACE-MORLEY COMPANY

Bay Port, Michigan
June 26th, 1925.

H. E. Henne.

BRYANT ENGINEERING COMPANY
PORT HURON, MICHIGAN



Gruendler Grinder
with motor
connected on per-
manent base.



Belt Driven Grinder,
complete with cy-
clone and two way
sacker spout.

Grind All Grains
at Greater Profit
With—

The
Gruendler

Mills and feed grinders find the Gruendler Whirl Beater cheap to operate because of its vast capacity with minimum power; and the greater variety of uses to which it can be put.

THE Gruendler is the one grinder on the market today which really handles oats and oat hulls in a satisfactory way.

This grinder utilizes the Swing Hammer method. Over a million cutting blows a minute. Metal and sand trap prevents harsh foreign substances such as volts and nails from entering machine. This feature gives it high endorsement by fire insurance underwriters. No metals clash. There is no friction to produce heat. Every ounce of power is used to grind or crush the substance fed to it by the automatic feed.

30 Days Trial

It is to your interest to put this versatile grinder to work for you—it will take care of all your needs at less expense than any similar machine. The Gruendler is sold on 30 days trial. It proves its worth to you or you are not out one cent.

Send for free details. The sooner you learn of it the quicker you begin to save money and to get better grinding results.

GRUENDLER PATENT CRUSHER & PULVERIZER CO.

948 North First Street, St. Louis, Mo.

SALES REPRESENTATIVES

Max Mosher, Room 403.....1269 Broadway, New York
Geo. E. Wilson & Co.....308 E. 3rd St., Los Angeles, Calif.
John E. Gray Co.....726 Harrison St., San Francisco, Calif.
Tri-State Machinery Co., 308 Washington N., Minneap/ls, Minn.
Louis Silver.....2035 N. Meridian, Indianapolis, Ind.
R. J. Roath.....West 922 Riverside, Spokane, Wash.
A. D. Allen.....615 E. Mississippi, P. O. Box 773, Ada, Okla.
V. M. Fuller.....700 S. Bluff, Clinton, Iowa
R. V. Fox.....Box 75, Jonesville, Mich.
J. H. Heckman.....725 Live Stock Exch. Bldg., Kansas City, Mo.



Mand by
THE BOSSERT
CORPORATION
Utica, N. Y.

Big Reduction in Price!

Now—big pro-
duction enables
us to make an
amazing reduction
in prices of

The "Jay-Bee" Standard CRUSHER · GRINDER · PULVERIZER *Meets Your Every Requirement*

The best mill made for grinding anything that grows to any degree of fineness—oats, fine to superfine—whole wheat to whole wheat flour—bran to the fineness of middlings—screenings pulverized to lose their identity—alfalfa hay to alfalfa meal.

Lowest Power Consumption with Largest Profitable Capacity

Minimum floor-space required—small installation cost—lowest up-keep. Styles and sizes to meet every requirement. Write for full description and prices.

J. B. SEDBERRY CO., 817-B-2 Exchange Ave.
CHICAGO, ILLINOIS
Factory and Main Office, Utica, N. Y.

1\54 of 1% ACCURATE!

OFFICIAL WEIGHTS!



The Richardson Automatic Grain Shipping Scale at St. Louis is weighing under official supervision and the results have been accurate within 1\54 of 1%! Nine carloads taken at random (729,000 lbs.) show an error of only 135 lbs.!

Install a RICHARDSON Fully-Automatic Scale in YOUR elevator. Thousands in use all over the country.

*Claims are paid
When Richardson-weighed*

RICHARDSON SCALE COMPANY
PASSAIC, NEW JERSEY

Chicago

Omaha

Minneapolis

Wichita

The "HALSTED"
HAS NO EQUAL



No Seal Rings
Scientific

Positive Feed
Economical

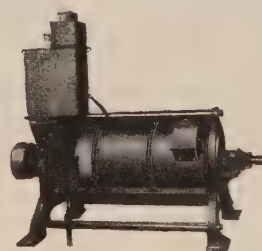
Wick Oiler Bearings

Its best friend is the man who has used other makes.

Grinding Plates alike on both sides, and being reversible, gives FOUR cutting edges.

Highest efficiency at the smallest expense.

THE ENGELBERG HULLER CO.
Incorporated
SYRACUSE, N. Y., U. S. A.

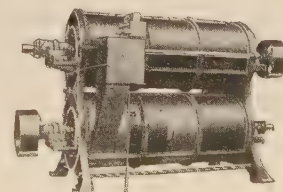


Wolf-Dawson
Wheat Washers
and
Driers

remove all forms of dirt, smut and poison from the crease, beard and germ,—and leave the wheat berries whole in their bright, natural color.

Send for descriptive circular and performance figures showing what other manufacturers in your field are obtaining with the Wolf-Dawson Wheat Washer and Drier.

The WOLF Co.
Chambersburg,
Penna.



Wanted and For Sale

The rate for advertisements in this department is 25 cents per type line each insertion

ELEVATORS FOR SALE

INDIANA—40,000 bu. iron clad elevator for sale. Address Box 347, Royal Center, Ind.

NORTHERN INDIANA—10,000 bu. iron clad elevator for sale, nearly new, with feed house attached. Lock Box 241, LaGrange, Ind.

NORTHERN ILLINOIS—3 country grain elevators for sale with lumber yard attached. All in good repair. Address 51W2, Grain Dealers Journal, Chicago, Illinois.

WISCONSIN—25,000 bu. grain elevator, flour and feed house for sale, on C. M. & St. P. R. R.; up-to-date and reasonable. Address E. Hauterbrook, 1272 Walnut St., Green Bay, Wis.

NORTHERN IOWA—Two grain elevators for sale. One modern house handles around 200,000 bus. annually, also coal sheds. One handling around 125,000 bus., also coal. No competition. Priced right. Party going out of business. Write 55Q1, Grain Dealers Journal, Chicago, Ill.

NORTHERN INDIANA—12,000 bu. modern elevator, flour and feed business for sale, county seat city of 11,000 population, 50 miles from Chicago; greatest dairy section in state. Old established going business, good yearly profits. Good reasons for selling. Address 54M8, Grain Dealers Journal, Chicago, Ill.

KANSAS Elevator practically sold after three insertions. Here's what the advertiser writes: "We enclose check for three insertions of our ad. We have had more than a dozen inquiries from our ad and believe that we will be able to effect a sale." This proves conclusively the value of a Journal Want-Ad.

NORTH CENTRAL INDIANA—Good country elevator for sale, 35,000 bus. capacity, situated in good wheat, corn and oats belt, with coal bins and storage room for side lines, good retail business established. Fair competition. Station has previously handled over 400,000 bus. of grain per year. Moderate price, reasonable terms. Might consider Florida land in trade. Address 55N23, Grain Dealers Journal, Chicago, Illinois.

CENTRAL INDIANA—Must sell immediately to close trusteeship, modern semi-proof, substantial brick 15,000 bushel capacity combination elevator and coal yard. Plant cost \$45,000 two years ago and will accept \$15,000 for immediate sale. Actual ground value at present \$8,000; located in town of 25,000. Building built and arranged for installation of four 50 barrel self-contained flour mills. Grain storage could be doubled easily.

THE BOWYER COMPANY,
Newcastle, Indiana.

FOR SALE

Terminal elevator (capacity 350,000) at Nebraska City and country elevators thru-out the South Platte country in Nebraska and North-central Kansas.

Prices Reasonable.

Duff Grain Company
Nebraska City, Nebraska

ELEVATORS FOR SALE.

NORTHWEST IOWA—In order to liquidate a business we offer for sale three elevators; best surplus grain section of the state. Best of openings. M. E. DeWolf, Spencer, Iowa.

INDIANA—An 80,000 bu. elevator for sale on Penn. R. R.; cribbed construction of 2/8", 2/6" and 2/4"; four railroads. Fine crop of wheat and oats and fine prospect for corn. Address 55P5, Grain Dealers Journal, Chicago, Ill.

CHOOSE YOUR ELEVATOR from the many offered. Insert an advertisement in the "Elevators Wanted" columns of the Grain Dealers Journal, and select one at a satisfactory price and station.

INDIANA—Well located elevator for sale in good city of 10,000, in heart of best farming district in Indiana. Good reason for selling and low price. Address 53Q31, Grain Dealers Journal, Chicago, Illinois.

WESTERN ILLINOIS SNAP—Two cribbed elevators near good school town of 10,000. Easy competition, good territory and fine crop prospect. \$5,000 will handle. Opportunity for all side lines. Address 54M21, Grain Dealers Journal, Chicago, Ill.

IOWA—Grain elevator for sale, metal siding, electric power, fine office and feed house, Globe Dump. On main line Rock Island R. R., between Des Moines and Iowa City. Only elevator in good town of 1,500 population. Address 55Q17, Grain Dealers Journal, Chicago, Ill.

ILLINOIS—30,000 bus. capacity elevator for sale; double corn crib; large coal shed; buildings in good condition. Best crop producing territory surrounding. Priced reasonable. New Philadelphia Co-operative Co., New Philadelphia, Ill.

NORTHEAST NEBRASKA—Fully equipped elevator and mill, warehouses, truck and wagon scales; buildings and machinery in good condition; two railroads; in one of the richest farming sections in the state; for sale or exchange for Western or Dakota land. Address 55Q21, Grain Dealers Journal, Chicago, Ill.

THE WANTED-FOR SALE DEPARTMENT of the Grain Dealers Journal is a market place where buyer and seller, employer and employee, and those offering investments can meet to their mutual advantage and profit, and it will pay every subscriber to give these columns a close study twice each month, because of the constantly changing variety of opportunities seeking your consideration.

ILLINOIS—Wholesale and retail grain, coal, hay, flour, feed, seeds, etc., business of two units, the only elevators in the city.

Unit "A" grain elevator, low drive, iron clad, gasoline power, with feed grinder, warehouses, hay barn, coal bins, office, etc., on leased ground on Penn. line.

Unit "B" iron clad, electric power grain elevator with low drive, warehouses, hay barn, coal bins, office, etc., on private ground along B&O and SW RRs.

These are old established businesses merged. In a good town on 4 railroads and a hard road and priced to sell as we have another business to which we wish to devote all our time. Address 55N18, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

FOR SALE—Terminal elevator and Kansas Line. 250,000 bus. at half replacement value payments. Allin, Coffeyville, Kansas.

INDIANA—30,000 bu. iron clad elevator; 150,000 bu. grain handled yearly. Reason for selling have two elevators and poultry farm. Address 54M3, Grain Dealers Journal, Chicago, Ill.

CENTRAL ILLINOIS—Several elevators for sale, can sell you one or an entire line. Might accept some trade as part payment. What have you? Address 54M5, Grain Dealers Journal, Chicago, Ill.

TWO SOUTHERN KANSAS Elevators for sale in best hard wheat section of state. Crops here better than in other parts of state. Also good implement and coal business in connection. A money maker for a hustler with capital to handle. Reasonable terms. Address Box No. 278, Kiowa, Kansas.

IOWA—45,000 bu. elevator for sale; excellent condition; concrete coal house 14x70; corn crib 8x88; live town, nearest towns east and west 14 miles, north and south 7 miles; big territory; only live stock buyer; also carry feed lines. Must dispose of property before July 1st on account of ill health. Write 54J1, Grain Dealers Journal, Chicago, Ill.

BARGAIN IF TAKEN AT ONCE—Someone is always looking for an elevator at a good grain point and reads these ads just like you're doing now, so if you wish to dispose of your present property; to enlarge your present interests, or embark in the grain business USE these columns to your best advantage just as others are doing. WE WILL assist you in the composition of copy free. We are in business to be of service to YOU. There is no wrong time to put an ad in the columns of the Journal. TRY IT.

ELEVATOR FOR SALE OR LEASE.

IOWA—Elevator for sale or lease; first class condition; on C. M. & St. P. R. R. Address Chas. Barton, Manning, Iowa.

ELEVATORS WANTED.

WANT TO TRADE for elevator, all or part of 960 acres good, smooth prairie land, Saskatchewan, Can., near good towns. Address 54M17, Grain Dealers Journal, Chicago, Ill.

ELEVATOR BROKERS.

ALWAYS HAVE ELEVATORS for sale. To save time, please state amount you wish to invest and location you prefer. James M. Maguire, 6440 Minerva Ave., Chicago, Ill.

BUSINESS OPPORTUNITIES.

FOR SALE—Elevator, Flour and Feed Store, equipped with 40 hp. electric custom feed grinding mill; located in the heart of a dairy country; Soo Line sidetrack along entire building; price \$3,000. Reason for selling, going south for health. A. A. Witthauer, Slinger, Wis.

PLEASE DISCONTINUE our ads in the Journal—results entirely satisfactory. Indiana Dealer.

MILLS AND ELEVATORS FOR SALE.

KANSAS—Mill and Elevator for sale; well equipped mill, elevator and feed outfit with separate office building. Good grain country. Well located and doing business. Price \$5,200. Write 55Q8, Grain Dealers Journal, Chicago, Ill.

CENTRAL INDIANA—Three story brick, 75-bbl. N. & M. sifter mill, with 50,000 bu. elevator and coal sheds for sale; best wheat territory in state; private ground, N. K. P. road. Stand thorough investigation. A real opportunity. Address Sharpville Mill, Elevator & Coal Co., Sharpville, Ind.

BUSINESS OPPORTUNITY WANTED.

AM IN POSITION to invest either as partner or alone in a running grain business, Illinois, Indiana, Iowa. Give all particulars, must stand rigid investigation. Address Investment, Box 1364, Norfolk, Va.

HELP WANTED.

WANTED—Experienced Central Illinois Grain Solicitor and telegraph operator as manager of one man office. State experience and references. Address 55Q20, Grain Dealers Journal, Chicago, Illinois.

HELP WANTED WITH INVESTMENT.

WANTED—Good manager for country elevator in north central Indiana who will pay cash for half interest. Elevator in good condition, situated in the heart of the corn, wheat and oats belt of Indiana, also good retail trade on side lines. If properly handled, will pay handsomely on investment. Address 55N24, Grain Dealers Journal, Chicago, Ill.

WANTED—A manager for a wholesale and retail flour, feed, grain, hay, coal and hard and soft wheat milling business with capital or security to handle a \$20,000 interest in the business. Property consists of a modern flour mill grinding hard and soft wheat, two elevators, warehouses, coal bins, offices, etc. In a good city on 4 railroads with transit. An old established business with a good trade. Health is the reason for offering. Address 55N17, Grain Dealers Journal, Chicago, Ill.

Bargain Sale in Soiled and Shelf Worn Books.

One Railroad Claim Book containing 100 sets for loss of weight in transit and index. \$1.50 and postage. Order "Special 411-A."

Triplicating Grain Ticket Book; binding damaged in reshipment. Price \$1.50 and postage. Order "Bargain 19 G. T."

Clark's Double Indexed Car Register—One copy of a quick index to records of all cars handled, \$1.75 and postage. Order "Soiled 42."

Two Railroad Claim Books containing 100 sets of claim blanks for overcharge and index. \$1.50 each and postage. Order "Special 411-E."

Grain Receiving Register, for recording wagon loads of grain as received; 200 pages; space for 8,200 wagon loads. Slightly soiled—used as printer's sample. Price \$2.00 and postage. Order "Special 12AA."

Gas Engine Handbook, by E. W. Roberts, contains many useful rules and hints of value to the operator of a gas engine. Size 3½x5½. 264 pages, bound in leather. Shelf worn. Weight 6 ozs. Price \$1.00 and postage. Order "Gas Engine Special."

One Double Indexed Car Register, used to advantage by receivers and carlot shippers. Through its use any car may be found instantly. The double pages are ruled vertically so as to provide a column for each digit. This form contains space for 12,000 cars. Order "No. 40, Special," price \$2.00.

GRAIN DEALERS JOURNAL,
309 South La Salle St., Chicago, Ill.

SITUATION WANTED.

WANTED—Place as manager or assistant in elevator; 8 years' exp.; Ill. preferred. Address 55Q3, Grain Dealers Journal, Chicago, Ill.

WANTED—A position buying grain; fourteen years' experience. Good references. Address E. A. Harseim, Aitkin, Minn.

WANTED—Position as second man in grain elevator by young married man; steady; want to learn grain business. Address Clayton H. Cramer, Stover, Mo.

MAN with 10 years' successful exp. in country shippers end of grain business will be open for employment about Sept. 1st. Address 55Q7, Grain Dealers Journal, Chicago, Ill.

WANTED—Will put my time and experience against your capital in a good grain business in northwest Iowa territory. Address 55P13, Grain Dealers Journal, Chicago, Ill.

WANTED—Position as manager of Farmers' Elevator; 20 years' experience in the grain business; good bookkeeper; reference. Address 55N15, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as manager of a good grain business; twenty-five years' experience; best of references. Would buy an interest or lease a good point. Address E. A. Benedict, Oxford, Indiana.

WANTED—Position as manager Farmers Cooperative or Line Elevator; 4 years' experience; speak English and German; good bookkeeper; references; single, 28 yrs. old. Roy Rademaker, 430 W. Main St., Freeport, Ill.

WANTED—Position as manager of Farmers Elevator or Line Co. house; 12 years' experience; now employed but desire change; good references. Can show results from past work. Write 54M2, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED by experienced elevator man. At present well connected, but desirous of getting with large concern, southwest location preferred, but not essential. Best of references. Address 55Q13, Grain Dealers Journal, Chicago, Illinois.

WANTED—Position as manager of elevator; 5 years' experience in grain, coal, feed and flour; good bookkeeper; married; age 25; now employed, desire change. Can make nice investment or buy as partner if suitable. Address 55P12, Grain Dealers Journal, Chicago, Ill.

POSITION wanted by married man with 12 years' experience in grain, coal and feed business. I now own half share in a grain business but have no wheat and very little corn at this point this year. Can furnish references. Address F. C. Machin, Hebron, Nebr.

CASH GRAIN MAN—Experienced in merchandising grain locally through Kansas, Oklahoma and Texas and from that territory to outside points, familiar with grain rates and grain accounting, would like to connect with good firm in primary market, large local or Line Elevator Co. working above trade, or with the grain, traffic or accounting department of mill. Write 55Q-26, Grain Dealers Journal, Chicago, Ill.

WANT ADS WORK WONDERS.

They sell elevators, find help and partners, secure machines and engines which you want, sell those for which you have no further use, and perform a myriad of kindred services for shrewd people who use them regularly. READ and USE THEM.

FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100 pound sacks are our specialties. We are now manufacturing a full line of corn goods, cracked corn, feed meal, corn and oats chop. Ohio Farm feed, shelled corn and standard oats in connection with our flouring mill. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, Ohio.

ENGINES FOR SALE.

40 H.P. FAIRBANKS-MORSE Kerosene Engine for sale, \$250. Address Bad Axe Grain Company, Bad Axe, Michigan.

GAS ENGINE—30 h.p. Stover, excellent shape. Standard Mill Supply Co., 501 Waldheim Bldg., Kansas City, Missouri.

GASOLINE AND OIL ENGINES of all kinds, sizes and prices can be sold profitably through the "Oil and Gas Engines" columns of the Grain Dealers Journal of Chicago.

STEAM ENGINE WANTED

WANT TO BUY a 60 H.P. steam engine, either left hand or center crank. Reliance Const. Co., Board of Trade, Indianapolis, Ind.

SCALES FOR SALE.

RICHARDSON Automatic Grain Receiving or Shipping, latest self compensating type scale, has only weighed 4 cars of grain. W. C. Bailey, 220 Grain Exchange Bldg., Omaha, Nebr.

SECOND HAND SCALES for sale of any make, size, or price, always find ready buyers when represented in the "Scales For Sale" columns of the Grain Dealers Journal.

FOR SALE—One 4 bu. Richardson and two Richardson 8 bu. automatic scales. All self compensating; fine condition. One 8 bu. Avery; one R. R. track scale. Standard Mill Supply Co., 501 Waldheim Bldg., Kansas City, Mo.

SCALES WANTED.

WANTED—Richardson Automatic grain and bag portable scales. State capacity, how long used and lowest price. Morse Engineering Co., Kansas City, Mo.

MOTORS FOR SALE.

WAGNER motor for sale, 25 h. p., single phase, including rheostat and ammeter; used 2 years. North Iowa Grain Co., Mason City, Ia.

FOR SALE—One 15 h. p., single phase Century motor, back-g geared four to one, in good running order. Waldschmidt & Schneider, Metamora, Ill.

5 H. P. ELECTRIC MOTOR, 3 phase, 220 volt, A. C., 1200 r. p. m., ring oiling; in good condition; guaranteed to work. Price \$75 f. o. b. Amboy, Ill. F. S. Brooks, Amboy, Ill.

FOR SALE—25 h.p. Century Electric Motor, 110-220 volt, 240-120 amps., 60 cycle, 1165 R.P.M., single phase, serial No. 185350, pulley diameter 11", face 10", frame P 35. This motor is in splendid condition, just as good as new, and our only reason for selling is we need more power. The first person sending his check for \$190 gets the motor complete with starter, sliding base and everything that goes with it, F. O. B. Durbin, Indiana. Goodrich Construction Co., Winchester, Ind.

MOTORS WANTED.

WE WILL BUY a 35 to 40 h.p. motor, 3 phase, 60 cycle, 220 volt. What have you for sale? Goodrich Construction Co., Winchester, Indiana.

MACHINES WANTED.

WANTED—Used Richardson bagging scale. Also Union Special Sewing Machine. Address Hart Bros., Saginaw, W. S., Michigan.

WANTED—One corn sheller, capacity four to six hundred bushels. One hopper scale, capacity hundred and fifty bushels. Address The O & M Seed Co., 6014 Euclid Ave., Cleveland, O.

MACHINES FOR SALE.

FIVE RICH RING GRATERS, ten rings to a machine, excellent condition, cheap. Address Standard Mill Supply Co., 501 Waldheim Bldg., Kansas City, Mo.

FOR SALE—One 5-apron, 48-inch, Richardson Separator. Also one Northwestern Separator. Address Crown Elevator Co., Flour Exchange, Minneapolis, Minn.

ATTENTION, OAT CLIPPER.

One No. 10 Invincible Oat Clipper, including Out Board Bearing. Wire us for price on this. Standard Mill Supply Company, 501 Waldheim Bldg., Kansas City, Mo.

FOR SALE—18-in. Unique ball bearing belt driven attrition mill; one 22-in. Unique ball bearing electric motor driven 2-15 h.p.; one 24-in. Unique ball bearing 2-20 h.p., direct connected motors. All in good condition. Address Lock Box No. 8, Cedar Rapids, Iowa.

ATTRITION MILLS, 22" Bauer; 18", 20" and 24" Dreadnaught; 12" and 26" Diamond; 20" Sprout-Waldron; 24" Robinson; 10" Letz; 18" American; 36" Stone Burr; Dreadnaught screen and crusher. Address L. F. Perrin, Box 375, Port Huron, Michigan.

FOR SALE—1 Barnard & Leas Wheat Cleaner, size 60, capacity 800 bushels hour. 1 Ehrsam Roller Mill with three sets of rolls. Size of rolls 9 by 24. Machines in good condition and priced right. Berthoud Farm Products Co., Berthoud, Colo.

THE BEST WAY to dispose of anything is to advertise it. You may have something to sell or trade which would be of advantage to many who are unaware of the opportunity offered because you are not letting it be known to our subscribers through the columns of this publication.

FOR SALE—Three 2½ Prinz & Rau patented graders and separators for barley, corn, wheat, etc., present sieves for barley. One No. 2 Prinz patented double Shaker Barley Receiving Separator, guaranteed good as new, purchased by us from firm who had hardly used same and always best of attention and care given machinery. Froedtert Grain & Malting Co. Box 12, Milwaukee, Wis.

WE ARE CHANGING TO ELECTRICITY and offer the following equipment for sale: One 45 HP Charter Gas Engine. One 10 HP Fairbanks-Morse Volume Gov. Engine; engines are in good running condition. 30 ft. 2 15/16" Shafing. One Union Iron Works Clutch Pulley, 15" face, 40" diameter. 450 ft. 1" Manila Rope, practically new. 7 Pillow Blocks for 2 15/16" Shaft and other pulleys. This is a complete outfit for an elevator up to the top floor and includes sheller equipment with plenty of power. \$2,000 worth of equipment for \$350. DUVALL GRAIN CO., Bennett, Iowa.

EQUIPMENT BARGAIN—We offer at exceptional prices the following elevator equipment f. o. b. any point on our line: 1 Drier. 1 No. 11 Monitor Clipper. 1 Howes Cleaner. 2 Car Pullers. 1 Fairbanks Bagging Scale. 10 Fairbanks Hopper Scales. 10 Shovel Machines. 2 35 H.P. Silent Chain Drives. 1 3 H.P. Air Compressor. 1 150 H.P. Tudor Boiler. 2500 Lineal Feet 22 in. canvass Leg Belt and other miscellaneous elevator items as well as 32 Motors ranging from 1/30 H.P. to 100 H.P. Write Purchasing Department, Big Four Route, 128 East Sixth St., Cincinnati, Ohio.

MACHINES FOR SALE.

FOR SALE—New elevator boot pan, 8 gauge steel, 14 ft. top. Address Simmons Seed Company, Moorhead, Minn.

FOR SALE—One 3 pair high 9x18 Allis Feed Mill in excellent condition. Price reasonable. Standard Mill Supply Co., 501 Waldheim Bldg., Kansas City, Missouri.

FOR SALE—24" motor driven attrition mill, practically new, with two 20 h.p., 3 phase, 25 cycle, 440 volt motors and extended shaft. Price \$850. Address Box 163, Sidney, Ohio.

FOR SALE—Clipper Seed Cleaner with double stand of elevators, air regulator, etc. One Fairbanks-Morse 3 h.p. motor. All good as new. Low price for quick sale. Address Fayette Grain Co., Connersville, Ind.

WE HAVE A NEW Big Four Joliet Corn Sheller for sale which has never been installed. We do not know what this sheller is worth on today's market but will consider reasonable bid. J. L. Walker & Co., Columbus, Miss.

FOR SALE—220 ft. 24" 5 ply Special Elevator Belt, bolt holes for bucket staggered, punched every 13"—4—¼" hole 3" center to center. New belting, never used. Also 25 new 11x7—14 Gauge Salem Elevator Buckets. Attractive price, quick sale. Address J. P. Gibbons Grain Company, Kearney, Nebraska.

HAVE NO KICK COMING: Cancel ad. We are so flooded with replies that we will be kept busy for months to come. We certainly were glad to know that every morning brought us queries for our equipment and always in their letters they would say that they noticed the ad in the Grain Dealers Journal. It is a great thing for us as long as we can supply the demand.—E. J.

REAL BARGAINS.

Prompt Attention. Quick Shipments. When in need of elevator or mill machinery, notify us. We are headquarters for power and transmission equipment, and have on hand several well-known makes of motors, boilers, engines, etc. Send us list of all your wants. We can supply you with full line of machinery for elevators, flour, corn and cereal mills. Complete equipment for modern mills of all kinds, molasses, stock and poultry feed plants, plans, specifications, flow sheets, etc., our specialty. Write us without delay.

W. R. Leathers, Mgr. 9 S. Clinton St. Chicago, Ill.

WE HAVE DISCONTINUED the milling of flour and offer the following for sale: 1 Hess Grain Drier, 200 bu. per hr. cap. 1 No. 6 Beall Receiving Separator. 1 No. 2 Eureka Receiving Separator. 2 9x18 Double Stand Allis Roller Mills. 4 9x15 Double Stand Noye Roller Mills. 1 Beall Wheat Steamer for 100 bbl. mill. 1 Silver Creek Drop Gear Flour Sacker. 1 Old Style Drop Gear Flour Sacker. 1 No. 535 Linkhart Crkd. Corn Polisher & Sep. 1 No. 2 Excelsior Bran Duster. 2 No. O Eureka Horizontal Wheat Scourers, without shoes. 1 No. 1 Eureka Buckwheat Scourer. 1 No. 1 Eureka Receiving Separator. 1 30"x7' 6" Noye Round Reel with double conveyor and countershaft drive. 1 30"x5' Noye Hexagon Reel Scalper with double conveyors. 1 No. 1 Geo. T. Smith double purifier. 1 30"x6' 7" Geo. T. Smith Centrifugal Reel with double conveyors. 1 30"x7' Noye Round Reel, double conveyors. 1 32"x7' Noye Round Reel, double conveyors. 2 4 sec. N. & M. Swing Sifters, 100 bbl. cap. 1 No. 2 Western Combined Corn Sheller and Cleaner. All the above in good condition. FARMERS ELEVATOR CO., Lowell, Ind.

MACHINES FOR SALE

OWENS Cleaner, Dual 50 for sale; 1st class condition. Buchanan Elvtr. Co., Buchanan, N. D.

ONE STAND 9x18 Double Roller B. & L. Mill for sale. Will make a dandy corn cracker. \$35 cash with order. Box 163, Sidney, Ohio.

ATTRITION MILL.

Two 36-in. Bauer Ball Bearing Attrition Mills cheap for quick sale. Standard Mill Supply Co., 501 Waldheim Bldg., Kansas City, Mo.

FOR SALE—New Stover Distillate Semi-Diesel Engine, 16 H.P. Also 12 H.P. Stover at half price. Monitor, Cleaning machines, belting, shafting, pulleys, scales, etc. The Adams Seed Co., Box 306, Decorah, Iowa.

REPLY REGARDING MY AD. I received twelve answers from the first appearance. In fact, sold machine to first inquirer—could sell a carload of them from one insertion.—C. A.

FOR SALE—Feed Rolls: Acme, Allis and Noye, three high 9x24; one 2 pr. high 9x30; one 2 pr. high 9x24. Attrition Mills: One 24" motor driven Bauer Bros. single head; 1 Monarch 20" motor driven; 1 Monarch double head BB belt driven. Large Elevators. 20" BB Dreadnaught; plain bearing mills; one 24" Dreadnaught; one 20" Robinson; one 18" Halsted; one 16" Diamond Huller BB; Dust Collectors a specialty; 1 Huhn Wheat Drier; 1 Eureka Magnetic Separator; Steel Tanks 4'x11; corn shellers; corn scourers; corn meal bolters; wheat cleaners and scourers, all makes and sizes; 2 Midget Marvel Mills; Prim Engines: 100 hp, 65 hp nearly new, 45 hp, 1 Fairbanks type Y 25 hp; No. 2 Bartlett Crusher; 1 24" Monarch motor Attrition Mill. 1 bag or barrel elevator 75' high; automatic, hopper and Floor Scales; Reels; Bran and Flour Packers; Feed Mixers; Tighteners; Clutches; Pulleys; Shafting; Hangers. Everything for the Elevator. Write your wants. A. D. Hughes Co., Wayland, Mich.

SAMPLE ENVELOPES.

SAMPLE ENVELOPES—SPEAR SAFETY—for mailing samples of grain, feed and seed. Made of heavy kraft paper, strong and durable, size 4½x7 inches. Have a limited supply to sell at \$2.60 per hundred or in lots of 500, \$2.25 per hundred f. o. b. Chicago. Sample mailed on request. Grain Dealers Journal, 309 S. LaSalle St., Chicago, Ill.

FUNNY EXPERIENCES.

FUNNY STORIES WANTED.

Write the story of your funniest grain trade experience to the Journal and you will receive one dollar for each story published. Address The Smile Coaxer, Grain Dealers Journal, Chicago, Ill.

HAY FOR SALE.

BALED HAY for sale, Wild and Timothy. E. W. Nelson, Danvers, Minn.



HAY SPECIALISTS

SEEDS FOR SALE—WANTED

Directory

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Wm. G. Scarlett & Co., wholesale and merchants.

CINCINNATI, OHIO.

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COBURG, IOWA.

McGreer Bros., whse. seed corn our specialty.

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Bowman Seed Co., field seeds.

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Council Bluffs Seed Co., seed corn, nothing else.

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Crawfordsville Seed Co., seed merchants.

INDIANAPOLIS, IND.

Indiana Seed Co., field seeds.

KANSAS CITY, MO.

Rudy-Patrick Seed Co., field seed merchants.

LOUISVILLE, KY.

Louisville Seed Co., clover and grasses.

MILWAUKEE, WIS.

Courteen Seed Co., field seeds.
Kellogg Seed Co., field and grass seeds.
North American Seed Co., wholesale grass & field seeds.

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Minneapolis Seed Co., field seed merchants.
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Buyers and Sellers of Sweet Clover, Alfalfa, Clovers, Timothy, Grasses, Fodder

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Grain Dealers Journal

309 So. La Salle St. Chicago, Ill.

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GRAIN DEALERS JOURNAL

309 So. La Salle St., Chicago, Ill.

Gentlemen:—I wish to try the Grain Dealers Journal on the 10th and 25th of each month for one year just to learn if I can get any helpful suggestions from the opinions and experiences of other grain dealers. Enclosed please find Two Dollars.

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GRAIN DEALERS JOURNAL

309 South La Salle Street, Chicago, Ill., U. S. A.
Charles S. Clark, Manager

Published on the 10th and 25th of each month in the interests of better business methods and improved handling facilities for progressive wholesale dealers in grain and field seeds.

SUBSCRIPTION RATES to United States, semi-monthly, one year, cash with order, \$2.00; single copy, 15c.

To Foreign Countries within the Postal Union, prepaid, one year, \$3.00; to Canada and Mexico, prepaid, \$2.50.

THE ADVERTISING value of the Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in each number tell of its worth. If you would be classed with the leading firms catering to the wholesale grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain movement, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. Address "Asked - Answered" department. The service is free.

CHICAGO, AUGUST 10, 1925

A GASOLINE filling station may be a profitable sideline, but it is likely to increase the fire hazard of the elevator as well as the cost of insurance on building and contents.

WHEAT from Ohio and Southern Indiana, according to the Midwest Laboratories Bulletin, contains about one per cent more protein than wheat of last year's crop. That will make it more desirable for milling, hence the millers will no doubt bid up for it.

WRITTEN contracts for the purchase of farmers' grain and written confirmations of its sale will prevent many misunderstandings, differences and disputes. Where such contracts are written out clearly it is difficult for the parties thereto to have a different understanding of it.

THE COMPLETE organization of the grain elevator operators of Wisconsin, Minnesota, the Dakotas, Nebraska, Wyoming and Montana, would help to improve business conditions in those states and place the trade in a much stronger position to have some influence in national affairs effecting the grain business.

THE CHAMPIONS of the metric system have stirred up the fighting blood of the Sec'y. of the Illinois Grain Dealers Ass'n and he is out with a special letter to members warning them against the waste and expense of making the proposed change. These bigots are unwilling that citizens shall have the right to choose weights and measures to their liking they insist the use of the metric system shall be compulsory.

SOY BEANS are gaining additional attention in the grain trade every month and must soon be handled by all the grain dealers of the older states, as the farmers find their production a profitable change.

IF THE COUNTY AGENTS and the farm workers generally would devote their time and energy to helping the farmer to produce more and better grain, all would be much better off and happier. No attempt has been made to school the county agent in merchandising, but he thinks he knows all about it.

KANSAS, not content with being a leading wheat producing state, seems determined to grow better wheat, as is reflected by the "Opportunity Special" train sent out over the Santa Fe recently, as is announced elsewhere in this number. A campaign of education which could be used by every state to the advantage of all concerned.

THE RECOGNIZED advantages of the balanced ration continue to increase the demand for commercial feedstuffs with the natural result that each month a number of new feed factories are added to the list and millers generally are specializing in different feeds of known value to the advantage of feeders and their own profit.

A SCALE TICKET for each load of grain delivered to the elevator is demanded by the grain producers of many sections and careful grain buyers always use duplicating or triplicating tickets in order to facilitate the detection of alterations and changes and to reduce the labor of entering each load when business is rushing.

A DRIVEWAY which is high, unguarded or difficult of passage is likely to drive business away. Young horses always fear to enter a dark driveway, so do not hesitate to make a fuss about it. Making it easy for farmers to get their grain into the elevator's receiving sink will always help to promote business. The smoother the way the easier will grain come.

ELEVEN per cent of the grain laden cars received in Milwaukee the first six months of this year were leaking, and the report of the chief weigher given elsewhere in this number casts a serious reflection on the care exercised by shippers in cooping cars. They can do better and those really interested in reducing their losses in transit will improve their cooping.

COLORADO grain dealers have been pestered with so many ridiculous suits brought by the Colorado wheat pool promoters that they have joined hands and employed competent attorneys to defend them from the false charges of the agitators. The Colorado Ass'n should soon number among its active members every elevator operator of the state. Run out the demagogues.

SO MANY members of Congress are proposing the abolition of the Federal Trade Commission it now seems more probable than ever before that this body of meddling politicians will be abolished and the taxpayers relieved from persecution. Senator Norris of Nebraska is the latest member of Congress to propose this drastic step. As everybody seems agreeable such action will probably be taken during the early days of the new year.

CROP WITHERING temperature is credited by European astronomers to blazing sunspots. Europe, like North America, has experienced a few very hot days, alternating with cold rainy weather which has not been helpful to growing grain. If our weather-man would induce the sun to refrain from changing its spots so abruptly our weather would be more regular and crops more certain.

GARLICKY WHEAT has so long reduced the market value of winter wheat grown in Pennsylvania, Delaware, Maryland and Virginia, the wonder is the farmers do not stop growing wheat until they can obtain seed free from garlic and clean up their fields so as to rid them of this pest. The annual expense to the producers, the handlers, and the mills would be unnecessary if all would join in a campaign against this odoriferous offender.

SOYBEAN shippers must not overlook the fact that soybeans get the wheat rate of freight only in C. F. A. territory. If they are billed to any point in Trunk Line Territory, the Eastern road will collect a much higher rate. If the grain shippers' ass'ns interested will file a joint protest with the I. C. C. no doubt the wheat rate would soon be made to apply on all shipments. The rate on shipments to points east of Buffalo and Pittsburgh is unreasonable.

WHEN ruminating over the discouraging difficulties confronting your business just remember that elevators handling grain in Wisconsin must pay the state half a mill per bushel on wheat and flax, and one-fourth of a mill per bushel on all other grain. The narrow law makers seem to be determined to make it more difficult to do business at a profit in the Badger State than elsewhere. Profit is a horrible sin in the eyes of a man feeding at the public trough.

IN MAKING APPLICATION for cars under the Kansas State regulations shippers are cautioned to comply with the requirement that the amount of grain on hand, conveniently located for prompt shipment, be stated on the application. A shipper who stated the quantity on hand got judgment on one application and was refused damages on his second application for cars because in his second application he thought it unnecessary to state the quantity of grain on hand for shipment. This suit will be fully reported in the next number of the Journal under the caption, "Damages for Failure to Furnish Cars."

THE LACK of interest of growers in terminal grain marketing as shown by their failure to come forward with subscriptions to the capital stock of a marketing company that gave them the fullest opportunity discredits the Washington lobbyists who assumed to be spokesmen for the farmers. They have demanded this and that legislation, and have obtained it, on the pretense that the farmer wanted it, when the rank and file of the farmers did not want it or knew nothing about it. These lobbyists have threatened Congressmen with defeat at the polls, but the latest fiasco in selling stock proves that the lobbyist can deliver no goods. It is to be hoped this lesson will not be lost on legislators everywhere to the end that they stop enacting laws for selfish minorities and consider the larger interest of the public.

WINTER WHEAT farmers generally are credited with holding a larger percentage of their crop back on the farm than ever before. If the producer would always practice this restraint he would profit by higher prices, for the minute the new wheat crop gets into the show windows of the terminal elevators and appears in the visible supply, it exercises a depressing influence on the market. While it is a little early to tell what spring wheat farmers will do, advices are to the effect that they are arranging with banks to hold their wheat. If all the wheat producers insist on holding wheat what will the poor shorts do?

Another Tile Failure.

Owners and operators of tile elevators everywhere will be much interested in the Frisco tile elevator at Kansas City, which is illustrated in this number. This house was built of heavy tile and enclosed with a veneer of vitrified book tile supported by wires. In the course of time the settling of the plant through loading and unloading of the various bins resulted in the development of fine cracks in the outside walls which permitted water to be blown through the cracks into the space between the interior tile walls and the veneer. Freezing followed and produced more cracks with the result that last winter the veneer fell in a heap, and these tile tanks are now being covered with a monolithic wall of gunnite.

While tile tanks are no longer used in the construction of large terminal storage plants, we occasionally hear of one being erected at a country point where the grain dealer does not appreciate the advantage of profiting by the experiences of others, or is unable to withstand the seductive arguments of the tile salesmen, who may not be aware of the disadvantages of using tile for grain storage.

Taking Advantage of Distress Cargo Room.

Grain shippers everywhere as well as grain producers are directly interested in promoting the welfare of every port which has a large incoming tonnage, for such ports are frequently favored with a volume of distress cargo room which always brings relief to congested elevators, because the ocean going vessels would much rather carry grain for nothing than to take on a load of water for ballast. When they take on a large volume of grain to complete their cargo it is poured into their holds and removed without expense.

New York has generally been favored with an abundance of distress cargo room to the great advantage of grain exporters who had grain at points of advantage so that it could be quickly loaded into the ocean going vessel which was short of cargo. Hence it is that everyone identified with grain shipping as well as grain producing are directly interested in helping every port which has a large volume of imports from Europe, for Europe is the best buyer of our grain and grain products.

The more ports an exporter has access to, the easier is it for him to find a ready market for grain at a profitable price, so naturally it is to the interest of all grain shippers and producers that the differentials between neighboring ports be not so wide as to prevent grain profiting by the distress cargo room in every port.

Carrier Must Deliver Grain Called for by B/L.

Grain shippers everywhere will be delighted by the victory of A. H. Bewsher of Omaha in which the court held that the railroad company was liable for the delivery of the full amount of grain called for by its B/L. The decision has been affirmed by the U. S. Circuit Court and establishes a precedent that will make all carriers more cautious about issuing Bs/L for any old amount.

Receivers who pay drafts attached to S/O B/L are entitled to know that the carrier received the full amount of grain called for in the B/L before it issued it. If the railroads were not liable for the delivery of the full amount of grain called for by B/L, then every railroad agent would be encouraged to conspire with swindlers in swelling every S/O B/L for grain and thereby swindling the terminal receiver against whom the draft is drawn.

If the courts had not held the C. & N. W. R. R. liable for the delivery of the full amount of grain called for by its B/L, all receivers would refuse henceforth to pay drafts attached S/O B/L, and trade in grain and grain products would be at a standstill. The records of the railroad should have convinced the agent at initial point that it is not possible to load 66,000 lbs. into a 40,000 capacity car, so it was rank carelessness on his part to issue a B/L for 20,000 lbs. more than the car could possibly contain.

Asphyxiated in Grain Bin.

Canary birds are used by the Public Elevator of the New Orleans Port Commission to test the air in concrete bins before permitting any workmen to enter a bin. This elevator was the scene of disastrous accidents some years ago when two men lost their lives in a bin of damp corn, which emitted carbon monoxide in sufficient volume to asphyxiate the workmen who entered the bin.

Another accident of this character in Chicago last week calls to mind the need of greater precaution in sending men into concrete bins filled with damp grain until the air has been tested and found safe. A survey of the different accidents also emphasizes the necessity of providing hoists for workmen that will enable them to be strapped in so that, if they are overcome by gas they will not fall out as they have done in several instances and thereby not only minimize the chances of their own recovery but endanger the lives of those who seek to rescue them.

In one case the first man to be overcome fell from hoist and broke his neck, and in two other cases the second man to descend into the bin with the heroic hope of rescuing his brother workman lost also his own life. If men descending into bins were strapped into the hoist seat the men at the top could readily pull out the body with sufficient promptness to make resuscitation probable. As the number of reinforced concrete plants is rapidly being increased it seems imperative that greater precautions be exercised and superintendents warned to exercise greater vigilance in sending men into bins.

Squeeze in Chicago July Wheat.

Strong holders of wheat for the July delivery at Chicago stood on their contracts and many of the open trades were closed only by bidding up the price. A few customers chose to default rather than buy in, 75,000 bus. in the one case and 20,000 in the other.

Subsequent action of the market price for the September future indicated that there was no corner, the September advancing to \$1.67½ on Saturday, Aug. 8, while the top on the July delivery for the month of July was only \$1.66 on July 31.

The com'te to set the price for settlement of defaulted July contracts was composed of L. F. Gates, J. C. Murray and Frank G. Coe. They set the price at \$1.56½, with a 5c penalty, which seems to be in line with the price of cash wheat and the range of the July future during the last day.

No facts have become public that warrant any special inquiry by the Dept. of Agriculture or any investigation by the Grain Futures Administration. The futility of the former fulminations from Washington seems to have dawned on the authorities as there are no repetitions of the threats to put the Board of Trade out of business.

The Proposed Reduction in Grain Rates.

The proposal of the Western railroads to increase rates on grain and grain products is meeting with a vigorous counter demand for a reduction in rates and the political trimmers and agricultural promoters are all getting into the limelight by shouting themselves hoarse against any change which will "drive the farmer out of business." These hysterical demagogues are striving earnestly to arouse the farmers to their support and claiming that it is the "farmers' fight for existence."

Grain shippers generally recognize that the prompt transportation of grain to destination without loss is of far more advantage to producers of the land than a reduction of 1 or 2 cents per hundred lbs. in the freight rate. The expeditious handling of all grain and grain products by the railroads during the last three years has materially reduced the interest charge on advances as well as the deterioration of grain in transit and at initial point, occasioned formerly by long delays.

The transportation service of the railroads has generally been recognized as being better than ever and the marked improvement has brought real joy to old timers who were accustomed to spend most of their time getting cars, tracing shipments, and collecting claims for loss and delay. If the railroads are to continue to render the excellent service enjoyed by the grain trade during the past three years, a reduction in freight rates is not likely to encourage them to strain their facilities to improve the service; on the contrary they will lose heart and make little effort to keep the service up to its present standard.

The abandonment of many lines of railroad and the discontinuance of many trains on some of the successful lines as well as their low earnings would seem to indicate that none of the grain carrying lines are in a position to grant a reduction and still render the prompt service needed by shippers of grain and grain products.

Killed by Gas in Chicago Grain Bin.

The reinforced concrete elevator with its deep air tight bins seems to have brought at least two new and unsuspected hazards to the grain trade. During the last ten years more dust explosions have occurred in concrete elevators than in wood elevators, which outnumber the concrete elevators, in the past fifty years. Then we have had five suffocations of elevator workers in concrete bins containing deadly carbon monoxide gas, but we have no record of similar accidents in wood bins.

The last accident of this character occurred in the concrete elevator of the J. J. Badenoch Co., West 17th St., Chicago, July 29th. Charles Kruska was sent with two men to clean out a bin which contained about 15 ft. of corn screenings which had heated and caked sufficiently so that although the screenings had run out of the center of the bin the balance formed a ring around this hole. This bin was 7½x14 ft., by 63 ft. deep. Notwithstanding all employees had been warned time and again never to go into a bin without tying themselves in the boatswain's chair, Kruska ignored these instructions and told the men to let him down into the bin. When he was down about 15 ft. he signaled to them to pull him up, which they started to do, but before they got him up he fell out of the chair.

The alarm was immediately given and another workman, Stanley Myk, volunteered to go to the rescue of his fellow workman in the bin, but he took the precaution to tie himself into the chair. When he had been dropped to a depth of about 20 ft., he signaled to be pulled up. The men at the winch got him out and he soon revived.

Firemen with gas masks shortly thereafter removed Kruska from the bin but were unable to revive him. The coroner's physician announced that Kruska died from breathing carbon dioxide.

Some years ago two men were asphyxiated in a steel bin of the Albert Dickenson Co., Chicago, as the result of their entering a bin filled with damp kafir corn.

On March 30, 1923, the Midwest Elevator at Chicago was the scene of the asphyxiation of two employees, Edward Carlson and Charles Brill. This elevator, which was located on Garfield Blvd., was being used for storage by the Pyramid Mfg. Co. The accident occurred in a 12x12 ft. tile bin which was about half full of damp oats. The plant being employed at the time in drying oats, and as the grain did not run freely Carlson went into the bin to open up the choke. He was overcome by gas and Brill, realizing that an accident had befallen his fellow worker, called the superintendent, tied a rope around himself and went to Carlson's rescue, but both men were overcome and although their bodies were shortly removed by firemen of the pulmotor squad, they were unable to revive either of them.

On Feb. 5, 1921, a similar accident occurred in a concrete bin of the Globe Grain & Mfg. Co. at Ogden, Utah, which was filled to within 7 ft. of the top with damp barley. Charles L. Bune entered this bin and was pulled out with a hook within fifteen minutes but it was impossible to resuscitate him even with a pulmotor. This barley had been in the bin 68

days. It contained 15% moisture and had a temperature of 70 degrees. An analysis of the air showed carbon dioxide, 12.65%, oxygen, 3.48%; carbon monoxide, none; and nitrogen, 83.87%.

On Jan. 31, 1918, at the New Orleans Public Elevator, Nicholas Rauch, bin foreman, who was being let down into an 80 ft. bin which was half full of corn, found the air stifling and signaled the men to pull him out. When part way up he was overcome, fell from the seat and his neck was broken. The corn in this bin had graded sample, 68%, heat burned. Drying had reduced its moisture content to 14%. An analysis of the air in the bin showed carbon dioxide 10%; carbon monoxide 0.2%; oxygen 1.8%; and nitrogen 88%. The corn had been in an interstice bin of this concrete elevator for 40 days.

Montana Wheat Pool Suspends Operations.

The Montana Wheat Growers Ass'n by nearly a two to one vote (1,192 to 629) decided to suspend functioning for this coming crop year. The association's officers immediately filed their resignations.

Internal differences and litigation connected with the enforcement of pool contracts all increased overhead and were causes leading to the suspension, permanent or temporary as it may be.

Increased overhead necessitated the payment of from two to ten cents per bushel under what non-pool members received. Of course the argument of forced competition, fitted the case delightfully and put the quietus on the discontent, but nevertheless the members decided to sell outside the pool this coming crop, despite court rulings dealing unfavorably with such action.

The heads of the organization were aware of a reactionary move on the part of its discontented membership, for they adopted the policy of permitting members to default their contracts.

Pool Price Includes Interest on Balance Held.

The \$1.55 basis on which the (Manitoba) wheat pool has made distribution represents not merely the money realized by the sale of wheat, less expenses, but includes also the interest earned on the farmers' money held back by the pool. In addition to the advance payment two dividends have been paid, one about March 1 and the other after the middle of July.

The total amount paid out in these dividends is represented as being something like \$40,000,000. Of this total the \$25,000,000 distributed in March was accumulating in the hands of the pool for 6 months while the balance was accumulating for 10½ months. These huge sums were earning interest, and this interest makes up a part of the \$1.55. The average sale basis, therefore, was something less than \$1.55, and this should be borne in mind when making comparisons with average market prices.

If the money had not been held back but had been paid to the farmers as the grain was sold, it would have been worth to them at least

twice the interest earned by the pool. Other farmers have had a value of at least 7 or 8% on all the money over a \$1.00 basis, while the pool farmer has received only 3 or 4%.—*Grain Trade News*, Winnipeg.

Pooling Agreement Sustained By Court.

The Supreme Court of Washington on June 10, 1925, reversed the decision of the lower court in the appeal by the Northwest Hay Ass'n against N. C. Hanson and granted an injunction against the sale of hay by defendant to any other than the plaintiff.

The Court said: It is the respondent's position, as we understand it, that under the terms of this statute, together with the marketing contract (to which we will particularly refer later), it was the duty of the appellant to pay him before July 1, 1924, for all of the 1923 hay delivered by him to the ass'n, and that since the complaint alleges that such had not been done, there was a breach of the contract on the part of the appellant, and on account thereof it would not be permitted to maintain this action to require the respondent to deliver the remainder of his 1923 crop of hay. It is appellant's position that under the statute and the contract between the parties, it was not required to sell all of the 1923 hay by July 1, 1924, but that it was required to pay for only such as it had actually sold prior to July 1, 1924. Or, to state the controversy more simply, the appellant, as we understand it, contends that it had a right to carry over after July 1, 1924, such portions of the 1923 crop as in its judgment it was inadvisable to place on the market because of market conditions; while the respondent contends that there can be no holding over of the 1923 crop after July 1, 1924. It is therefore plain that the chief question before us is the construction of the statute quoted and a provision of the marketing contract which is similar thereto.

The marketing contract between the parties closely follows the wording of the statute. After providing that the ass'n shall have authority to pool the hay of its various members, it says:

"Payments to be made from time to time as rapidly as possible in due proportion until the accounts in each pool of the season are completely settled, and final settlement for each season shall be made by July 1 of each year upon hay marketed prior to that date."

This simply means that if the hay in a pool is sold, payment therefor shall be made to the producer in proportion to the amount that he has in the pool, and such payment shall, in no event, be made later than July 1 following the year the crop is produced, for such portion of that crop as shall have been sold by the association on or before that date.

It appears from the complaint that on July 1, 1924, the respondent had been paid in full for such portion of his 1923 crop as had been sold prior to that date, and that the remainder had been held over because of market conditions. It follows that the complaint shows that the appellant had lived up to the terms of its contract.

The judgment is reversed, and the cause remanded for further proceedings.—236 Pac. Rep. 561.

Coming Conventions.

Trade conventions are always worth while as they afford live, progressive grain dealers a chance to meet other fellows from the field of daily strife and to be convinced that the much maligned horns are truly mythical. You can not afford to pass up these opportunities.

Aug. 20-21. New York State Hay & Grain Dealers Ass'n, at Syracuse, N. Y.

Oct. 12-14. Grain Dealers National Ass'n at Kansas City, Mo.

Oct. 12-14. U. S. Feed Distributors Ass'n, Kansas City, Mo.

Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, for free publication, car initials, number, place, date and condition of car seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

Ill. Cent. No. 22806 passed thru Thawville, Ill., Aug. 6, leaking oats from under siding.—W. H. Hayes, mgr., Thawville Farmers Grain Co.

IDEALS are like stars; you will not succeed in touching them with your hands. But like the sea-faring man on the desert of water, you may choose them as your guides, and following them reach your destiny.—*Carl Schurz*.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

Spraying Corn to Prevent Weevil?

Grain Dealers Journal: What can be used for spraying bags of corn to prevent weevil?—O. M. Scott & Sons Co., Marysville, O.

Ans.: No poisonous spray that will remain on the sacks can be recommended. Fumigation of the sacked grain in a closed room will kill the insects. Hydrocyanic acid gas will kill the eggs also. The methods of using the different fumigants are described on page 377 of the Journal for Mar. 25, 1925.

Soy Beans Should Have Grain Rate.

Grain Dealers Journal: We shipped a full car load of 66,000 lbs. bulk soy beans to Baltimore, Md., from Deshler, where grain rate is 25½c, but on the beans we were charged 41c rate. We think we should have the grain rate in this case, are we right?

Would appreciate any information.

We are herewith inclosing the B. & O. letter along with a return stamped envelope.—The Deshler Farmers Elevator Co., Deshler, O. The Deshler-Farmers Elevator Co.

We are returning to you papers submitted with your letter of May 5th, 1925, in support of your claim for \$102.15, alleged overcharge on a shipment of soy beans, forwarded from Deshler, Ohio, to Baltimore, in February.

The rate of 41c is applicable to this traffic in any quantity. Soy beans are not included in the grain products or grain by-products list, and Kelly's exceptions only give the grain rate to this commodity when the movement is confined to Central Freight Ass'n territory, and those exceptions are not applicable to trunk line territory, in which Baltimore is located.

As charges are assessed on the proper basis, claim should be withdrawn.—J. F. Schutle, B. & O. R. R. Co., Baltimore, Md.

Ans.: The rate is as stated by the B. & O. Item No. 120 in Freight Tariff 130P of B. T. Jones, I. C. C. 1594, reissued effective Feb. 12, 1925, authorizes the wheat rate on soy beans in C. F. Ass'n territory only, that is west of the Buffalo-Pittsburgh line.

There seems to be no reason why the same authority should not be extended to trunk line territory. If shippers will file complaint with the I. C. C. asking for the grain rate it is not likely the carriers will contest the application.

Ohio & Indiana dealers are not complaining of the increased yields of wheat and oats or the improved quality.

A strong active local Ass'n of the grain dealers, millers and bankers of your district could do much to improve your business conditions.—Try it.

Wheat scored a good advance this week, and as is usually the case, there is now plenty of talk about two dollar wheat. The September has gone from a discount to a premium over December, and could easily go to a much larger one, if the receipts at Chicago do not increase materially. The party that took delivery of most of the wheat in July, is reported to have made charters to ship it to Buffalo, and it is thought he has sold the wheat abroad, and yet there are some that think he is merely changing its resting place. Foreign markets have advanced sharply but Liverpool is still quite a bit out of line with Chicago futures. No doubt foreigners have bought some of our hard wheat, and also may have bought quite a line of futures, although the Winnipeg market is much the cheapest, but they can't get hard winter wheat there.—J. F. Zahm & Co., Toledo, O.

Colorado Dealers Will Contest Pool Suits.

The Colorado Grain Dealers' Ass'n held a special meeting at Akron, Sunday, July 19th, to consider suits brot against members by the wheat pool and to take steps to defend them.

President C. E. Lundgren of the Chamber of Commerce welcomed the dealers to Akron, and C. H. Hay of Wray responded.

County Supt. Phoebe Palmer and her girls favored the visitors with songs and readings.

A report on the Yuma meeting of the directors of the ass'n was presented.

Attorney Raymond Sautes of Sterling addressed the dealers on the pooling law and the rights of regular elevator operators under it.

Upon motion, duly seconded and carried unanimously, the annual dues were declared due and payable. It is thought that the prompt payment of the dues by all members will furnish ample funds to defend the pending suits without need of making an assessment.

The secretary was authorized to pay the attorneys for their work and advice at the meeting.

The thanks of the ass'n was extended to the citizens of Akron and to Secretary G. W. Roller.

It was decided to employ Attorneys Coen and Sauter of Sterling and Attorney Louis Henke of Wray, so members should promptly notify Secretary Roller of any suits brot against them by the Colorado Wheat Growers' Ass'n and send him a copy of the summons.

Akron dealers included Roy Buchanan, H. Haarhues, Joe Hall, L. L. Knox, G. E. Ludgren and Frank Andrews.

From Wray were G. W. Roller, J. E. Starnes, Geo. Maag, C. H. Hay and Louis Henke.

Otis sent J. T. Chilcoat, T. P. Rehder, Eunis Roy and Ben Batterman.

From Kansas City came Bob Owens, C. M. Clark, T. A. Dunaway and Ed. Wood.

From Nebraska came G. S. Jewett and L. G. Lowe, Sidney and John Eskildsen, Omaha.

Burlington sent W. Shanburg, C. E. Roller, Wm. Loomis and Ross Tucker.

New Raymer sent C. Lacock, J. T. Maclin, C. B. Donnott and John Hamlin.

Flagler sent R. M. Farquhar, J. Roberts and J. W. Lipford.

From Sterling were R. L. Sauter, J. M. Welsh and Glenn Morris.

Fleming's delegation included V. L. Maden and J. E. Platt.

Other dealers in attendance included: Leo Connell, Denver; Chas. Reimer, Paoli; G. H. Burnett, Laird; Paul Reimer, Holyoke; E. Leiber, Ft. Morgan; Pat Godsey, Eckley; Fred Davis, Yuma; George Black, Yuma; J. W. Borders, Stratton; O. V. Hillenkamp, Arriba; E. M. Short, Seibert; N. E. Gaily, Platner; Chet Kellogg, Eckley; F. C. Saul, Atwood; A. A. Piegon, Dailey; R. R. Archer, Yuma; Chas. Platt and E. A. Carpenter, Paoli; B. B. Hine, Sidney.

Kansas Wheat Growers' Ass'n Not a Monopoly.

The Supreme Court of Kansas on June 6, 1925, held in favor of the Kansas Wheat Growers' Ass'n, plaintiff, in its suit against Ed. Charlet, to recover the stipulated damages for violation of marketing agreement and for an injunction to restrain further sales and deliveries of wheat by defendant.

The defense was that the marketing agreement was void because designed to create a monopoly.

The court said: "The marketing agreement is a proper means of achieving the purposes of the ass'n, the purposes of the ass'n are those recognized by the statute under which it was organized, and the attack on the agreement is really an attack on the statute. In the case of Wheat Growers' Ass'n v. Schulte, 113 Kan. 672, 216 P. 311, the court held the statute to be valid, and held the ass'n is not an unreasonable combination in restraint of trade, or an organization for fostering unlawful monopoly."—236 Pac. Rep. 657.

Tile Grain Bins Again Prove A Failure.

The cuneiform inscriptions of the Assyrians known to have been written 6,000 years ago on burnt clay, and found in an excellent state of preservation to this day, have given to vitrified clay blocks an undeserved reputation for permanence.

One of the prime factors in the preservation of these clay tablets has been the absence of frost in Mesopotamia. Even the adobe huts of New Mexico stand for years in that rainless and frostless clime; but no grain dealer in his senses would think of building a grain storage house in the temperate zone of the United States of this unburned clay.

The weak point in tile construction for grain bins is the joint between blocks. Here moisture penetrates thru cracks that are at first microscopic and imperceptible. Heavy rains and successive frosts enlarge these cracks until the blocks split apart and the unfortunate owner is forced to resort to various tar or cement coatings in a vain effort to keep out the water.

So many years ago that the name of the builder has been forgotten the first tile tanks were erected in Kansas City, Mo., by the St. Louis & San Francisco Railroad Co. One of its two elevators has a group of 3 large tanks 50 ft. in diameter and 65 ft. high, each holding 100,000 bus. of grain in a single mass without partitions. The other elevator has a group of four tanks 40 ft. in diameter and 75 ft. high, each tank holding 100,000 bus. Each tank has a flat bottom, which adds to the labor cost of emptying the bins.

An inner layer of soft tile formed the main wall. This was protected by an outer layer of 2½-inch vitrified flat tile, set in cement and held by a wire netting.

In the course of time moisture penetrated the joints and fine cracks. The wire netting behind rusted away. In following years freezing and thawing alternately separated the outer layer. The climax came during the winter of 1924-25 when hundreds of square feet of the outer tile covering fell off in a day. Soon the tanks were deprived of practically all their protection.

The photograph on the outside front cover page of this number of the JOURNAL shows the two tanks as they appeared Aug. 2. The scaffolding surrounding one tank was erected to enable the workmen to blow mixture of cement, sand and water upon the cleaned off surface of the inner tile. About one-sixteenth inch thick of pure cement and water first is deposited, and upon this a layer of waterproof cement and sand ¾ to one inch thick.

The material is forced under high pressure thru a rubber hose, to special nozzles for cement and water separate. In the engraving one tank has been coated for a distance of ten feet down from the top. From the next tank most of the tile covering has fallen away, the dark spot near the top representing several courses of the protective tile still clinging to the main wall.

Worry And Losses Due to Credit.

The three cardinal principles of successful competition in retailing efficient merchandising, ethical behavior and co-operative organization were emphasized by Alvin E. Dodd, manager of the Domestic Distribution Department of the Chamber of Commerce of the United States in an address before the Business Clinic of the San Antonio Chamber of Commerce today, on "The Present Competitive Situation and How the Smaller Merchant May Successfully Meet It."

Many of the expenses with which retail business is burdened, Mr. Dodd pointed out, are due to competition gone mad. "Whenever a merchant or a group of merchants complains about the losses and worry caused by the credit he is obliged to extend to every Tom, Dick and Harry, someone gives a raucous laugh and reminds us that the merchant himself is to blame for this condition."

Letters

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

Feed Sheep in Stubble Fields.

Grain Dealers' Journal: The chance to make a few honest dollars in one's farming operations is often overlooked, in fact few farmers in the Dakotas make a practice of feeding down the aftermath in the stubble fields with a bunch of sheep or lambs. This feed is not utilized as it should be and turned into cash. Elevator interests should encourage sheep feeding in the stubble fields as a dollar getter and soil builder. A few weeks in the fields followed by a period of grain feeding will produce lambs that will top the market.—C. H. Townsend, Huron, S. D.

Against the Metric System.

Grain Dealers Journal: I am hoping that grain dealers everywhere read the editorial appearing in the Chicago Tribune of August 2nd, 1925, endorsing the movement to adopt the metric system of weights and measures, because this innovation would put grain dealers everywhere to a lot of inconvenience in learning new measures and a lot of expense in providing new weights and measures.

Congress has legalized the metric system of weights and measures for those who desire to use them, but now the promoters of this foreign system seek legislation making the use of the metric system compulsory. Grain dealers who think they could easily learn the new system of weights and measures and provide new equipment without much expense may find some reason for accepting this proposed change, but grain dealers with whom I come in contact are all against it.

Needless to say, our association will do everything in its power to defeat the compulsory use of the metric system, but the opposition needs the active support of every member and every dealer should write his congressman protesting against being compelled to use this foreign system of weights and measures.—W. E. Culbertson, Secy., Ill. Grain Dealers Ass'n, Delavan, Ill.

In Linseed Oil Business 85 Years.

Grain Dealers Journal: The production of linseed oil in the United States has become somewhat a family industry. Our attention has been called to this by statements of two of our respected competitors and a late article in the Worlds Work "The Antiquity of American Business."

It may interest our friends to know they are not dealing with novices in the business, which has grown in over 85 years from a few thousand gallons of linseed oil annually to over thirty million gallons annually.

Wm. Shreve Archer, grandfather of our President, Shreve M. Archer, went into this business with his uncle, Joseph Clegg, in Dayton, O. in 1840, Mr. Clegg having been in the business for some years. Our President being of the fourth generation of the family continuously in the business.

Mr. Leonard, father-in-law of Mr. J. W. Daniels, Chairman of our Board, went in the business in Piqua, O., in 1867; Mr. Daniels entering the business in 1879. Our Vice President, G. A. Archer, the third generation, entering the business in 1868, Samuel Mairs, Vice Pres., in 1902, L. M. Lefingwell, Treas., in 1889, A. F. Berglund, Sec'y, in 1902.—Archer-Daniels Midland Co.

Railroad Must Deliver Weight of Grain Specified in B/L.

Augustus H. Bewsher has won an affirmation in the United States circuit court of appeals at St. Louis of a verdict which gives him \$650.75 in damages as a result of an error on the part of the Chicago & Northwestern Railway Co.

Bewsher bought 66,000 pounds of wheat in bulk from a farmer in South Dakota. The wheat was not weighed by the shipper and was to be loaded in a car that holds that amount. The railway company, failing to weigh the shipment and to notify Bewsher that it was not weighed, loaded the wheat in a car that held only 45,590 pounds, although the bill of lading called for 66,000 lbs.

Upon receiving the shipment Bewsher found that he was over 20,000 pounds of wheat short. He sued in a Nebraska district court and a jury awarded him \$650.75 damages. The C. & N.-W. R. R. appealed and after careful consideration of the case the appeal court affirmed the verdict, although it had few precedents to go by.

Exhaustive hearings on the workings of the new postal rates were and are to be heard by a joint congressional com'te as follows: Washington, July 20; Atlanta, July 23; Philadelphia, July 28-Aug. 1; New York City, Aug. 3-8; Boston, Aug. 10-13; Augusta, Me., Aug. 14-15; Buffalo, Aug. 17-18; Chicago, Aug. 19-26; and Minneapolis and St. Paul, Aug. 27-28. Criticisms and suggestions from parties affected will be received.

Fred B. Godfrey Dead.

Frederick B. Godfrey, age 67, manager of the coarse grain department of Simonds-Shields-Lonsdale Grain Co. at Kansas City, and connected with that company for 20 years past, died in the St. Joseph hospital on July 30 following an operation for appendicitis.

While riding home from his office in the Board of Trade, a week previous, Mr. Godfrey suddenly began to feel ill. He got off the street car and took a taxi the remainder of the way home, where a physician was called and diagnosed the case as appendicitis, immediately sending him to the St. Joseph hospital. The operation was performed the following morning, July 23. A relapse followed two days of apparently strong recovery and ended in death.

Mr. Godfrey was born in Lubec, Me., Jan. 15, 1859. Much of his early life was spent in Minneapolis, where he operated a grain business. In 1905 he went to Kansas City, where he became a member of the Kansas City Board of Trade, representing the Home Grain Co., then headed by C. W. Lonsdale. Reorganization took place in 1910, which resulted in the Simonds-Shields-Lonsdale Grain Co., with which he served until his death.

His wife, Mrs. Nellie G. Godfrey, his son Wheeler, and two brothers, John C. and Henry Godfrey, as well as a host of friends in the grain trade mourn his loss.

He was a member of the Blue Lodge and the Scottish Rite Masonic order of Minneapolis and of the Ararat Shrine and the Kansas City Club of Kansas City. Funeral services, conducted from the home at 3 p. m. Aug. 1, were largely attended and replete with floral offerings. Interment was at the Mt. Moriah cemetery.

A special meeting of the directors of the Kansas City Board of Trade expressed the feelings of his innumerable friends in the following simple resolution:

"Again this Board is reminded of the brevity of life in the passing from our midst of Frederick B. Godfrey. This comes as a great shock. He was a man of sterling qualities, beloved by all his associates. For 20 years he had been a member of the Board, 10 years of the time serving as a director, and 2 years as chairman of the Arbitration Com'te, eminently faithful and efficient. We extend to his family our heartfelt sympathy in this, their hour of great bereavement."

Sale of Warehouse Enforced.

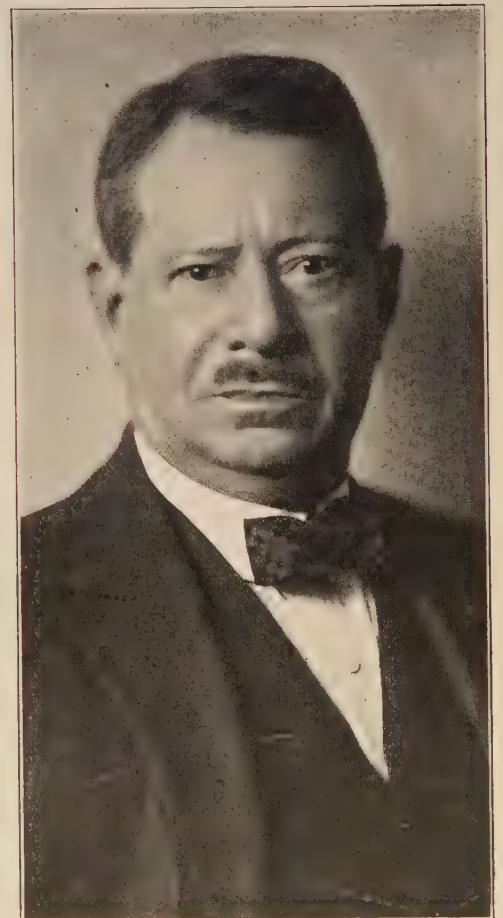
The Supreme Court of Washington has ordered the Washington Wheat Growers' Warehousing Ass'n to turn over its preferred stock in payment for two of the six warehouses bot of the Tri-State Terminal Co.

In August, 1921, the plaintiff sold and delivered to defendants' warehouses and equipment at Hay and Hatton, Wash., for which defendants agreed to pay; for the Hay property \$9,000; for the Hatton property, \$10,535, aggregating \$19,535, in preferred stock of Washington Growers' Warehousing Corporation, bearing 8 per cent interest from August 10, 1921, and to be retired at the rate of one class or one-sixth thereof annually beginning with December, 1922. That defendants took and assumed possession of said properties but have failed, refused, and neglected to make payment thereof in preferred stock or otherwise.

The Court said: It is argued that specific performance requiring the delivery of stock in a corporation will only be decreed under unusual and exceptional circumstances, and that these do not exist in the present case. The stock was not obtainable on the open market, and it had no established market value. The properties had been turned over to the appellants. This is not a case where there is simply a contract for the purchase of capital stock and the one selling refuses to deliver. It is generally held that specific performance will be granted as to corporate stock where the value thereof is not known or is not reasonably ascertainable. In a note to the case of Rimes v. Rimes, 22 A. L. R. 1041, the authorities are cited and reviewed, and it is there said:

"Generally speaking, where the corporate stock which is the subject of a contract of sale of which specific performance is sought is of unknown and of not easily ascertainable value, or is unobtainable in the open market, it has been held that a suit for the specific performance thereof may be maintained, the remedy at law in such a case being regarded as inadequate."

In the present case the remedy at law for damages would have been inadequate and the action was properly brought for specific performance.—236 Pac. Rep. 75.



(Strauss-Peyton Photo.)
Fred B. Godfrey, Kansas City, Deceased.

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

Enon, O., July 31.—New grain began moving about the middle of this week.—X.

Summerfield, Tex., Aug. 5.—Are shipping in seed wheat.—Laurence Johnson.

Truscott, Tex., Aug. 3.—Will be only 2 or 3 cars shipped from this station this season.—X.

Petersburg, Ill., July 24.—Wheat is in the height of the new movement.—P. Schneider, Eagle Mfg. Co.

Gate, Okla., Aug. 4.—About one-third of the new wheat is still in the farmers' possession.—O. C. Usher, mgr., Burk Elvtr. Co.

Buffalo, N. Y., July 25.—The Lewis Grain Corporation received the first car of new oats to come to this market. It tested 30 lbs. and sold at 52½c.

Kansas City, Mo., Aug. 3.—Oats receipts today broke all previous records, with one exception, and totaled 271 cars. (On Sept. 3, 1918, this market received 277 cars. This date fell on a Tuesday preceded by Labor Day, Sunday and Saturday afternoon inactivities.) Fully 80% of these receipts were said to have applied on contracts.

Rye Movement in July.

Receipts and shipments of rye at the various markets during July, as compared with July 1924, were as follows:

	Receipts		Shipments	
	1925	1924	1925	1924
Baltimore, bus.	131,369	80,539	392,691	171,305
Chicago, bus...	21,000	2,210,000	1,488,000	44,000
Duluth, bus...	183,040	1,994,436	1,625,732	6,483,617
Kans. City, bus.	3,300	15,400	5,500	18,700
Milwaukee, bus.	21,995	128,765	50,259	397,387
Minneapolis, bus.	114,770	427,410	177,930	1,099,960
Montreal, bus.	4,464,697	2,344,506	4,345,167	1,218,675
New York, bus.	701,000	1,384,000	989,000	747,000
Omaha, bus....	18,200	47,600	11,200	91,000
Phila. bus....	25,644	3,672	40,646	1,200
St. Louis, bus.	15,690	67,800	8,400	21,930
Superior, bus.	65,276	967,075	173,607	2,170,824
Toledo, bus....	2,400	40,900	10,125	17,480

Oats Movement in July.

Receipts and shipments of oats at the various markets during July, as compared with July 1924, were as follows:

	Receipts		Shipments	
	1925	1924	1925	1924
Baltimore, bus.	136,564	177,357	.....	109,752
Chicago, bus...	4,212,000	3,579,000	6,052,100	2,389,000
Duluth, bus...	851,687	176,680	2,933,311	467,938
Indpls. bus...	862,000	520,000	766,000	590,000
Kans. City, bus.	887,400	153,000	420,000	49,500
Milwaukee, bus.	1,168,000	792,600	707,473	490,900
Minneapolis, bus.	1,908,590	1,010,750	3,071,610	1,224,160
Montreal, bus.	5,978,733	1,512,471	5,532,290	1,329,879
New York, bus.	1,201,000	2,419,000	1,469,000	1,471,000
N. Orleans, bus.	.....	.....	45,375	9,365
Omaha, bus....	1,638,000	724,000	1,170,000	842,000
Phila. bus....	292,343	172,883	230,790	60,046
St. Joseph, bus.	188,000	138,000	70,000	24,000
St. Louis, bus.	2,664,000	1,832,000	1,928,000	1,633,970
Superior, bus.	488,588	149,003	981,095	390,908
Toledo, bus...	709,100	272,650	626,335	167,015
Wichita, bus.	60,000	6,000	1,500	6,000
Ft. Worth, cars	381	515	43	107
San Fran., tons	1,691	888	.....	.....

Wheat Movement in July.

Receipts and shipments of wheat at the various markets during July, as compared with July 1924, were as follows:

	Receipts		Shipments	
	1925	1924	1925	1924
Baltimore, bus.	2,095,659	947,907	896,144	415,048
Chicago, bus...	6,008,000	3,590,000	1,800,000	1,809,000
Duluth, bus...	7,816	191,407	24,439	464,928
Galveston, bus.	287,466	.....	432,000	.....
Indpls. bus...	1,392,000	450,000	602,000	204,000
Kan. City, bus.	10,744,650	19,730,250	4,625,100	5,201,550
Milwaukee, bus.	747,600	133,000	104,494	201,146
Minneapolis, bus.	5,522,350	5,460,210	3,206,130	3,325,020
Montreal, bus.	9,696,329	15,727,121	8,764,954	15,570,680
New York, bus.	5,019,700	1,943,000	6,587,000	2,859,000
N. Orleans, bus.	.....	.....	632,837	575,000
Omaha, bus....	2,565,800	2,368,800	1,107,400	357,000
Phila. bus....	1,211,933	527,480	1,072,481	309,838
St. Joseph, bus.	2,123,000	1,861,000	485,800	357,000
St. Louis, bus.	9,989,200	3,692,261	4,136,170	1,599,120
Superior, bus.	888,401	771,920	2,083,317	1,257,682
Toledo, bus...	930,910	580,000	53,555	207,120
Wichita, bus.	4,374,000	7,700,400	2,818,800	4,800,000
Ft. Worth, cars	2,092	3,857	142	270
San Fran., tons	2,440	8,552	.....	.....

Progress Report of Committee On Future Trading.

At the Annual Meeting of the Millers' National Federation, held in Chicago, a Resolution was adopted providing for the appointment of a committee "to confer with officials or committees of the Grain Exchanges regarding the removal of the existing recognized abuses of future trading and to take such further action as they may find expedient."

Pursuant to this resolution Mr. B. W. Marr, Chairman of the Board appointed, President, Sydney Anderson, Chairman, Washington D. C.; Fred J. Lingham, Federal Mill & Elevator Co., Inc., Lockport, N. Y.; Harry G. Randall, Midland Flour Milling Co., Kansas City; P. D. McMillan, Washburn Crosby Co., Minneapolis; George S. Milnor, Sparks Milling Co., Alton, Ill.

The Committee met at Chicago on May 5th, all members being present. A number of suggestions looking to the improvement of conditions surrounding future trading were made, including: (1) Limitation on daily fluctuations by rule of the exchange; (2) Limitation on open individual holdings; (3) Make all twelve months trading months, with eight months open; (4) Publish unclosed trades; (5) Censor all market gossip, including private crop reports; (6) Exchanges to license individuals to trade; (7) Establish a modern clearing house in the Chicago Board of Trade.

These suggestions were discussed at length and it developed there was considerable difference of opinion among the members of the Federation committee as to the feasibility and soundness of some of the suggestions proposed. However, it was generally agreed that improvement of the conditions which had previously existed on the exchanges was largely a matter to be dealt with by the exchanges themselves in co-operation with the U. S. Grain Futures Administration.

The Federation committee after considerable discussion agreed that the establishment of a modern, efficient and well managed clearing house in connection with the Chicago Board of Trade would do much to provide an instrumentality for the correction of the abuses complained of.

The Federation committee was further of the opinion that a more rigorous and effective censorship of market and crop reports by pri-

vate agencies should be undertaken by all of the exchanges.

It was thought also that the Grain Futures Administration and the various reporting agencies of the Department of Agriculture were also at fault in the issuance of reports attempting to forecast the trend of prices or to justify the position of the market, and otherwise intended or at least tending to influence speculation or prices.

The committee believed that it would be helpful if the Department of Agriculture, in connection with crop estimates, would in addition to indicating the crop out-turn based upon the acreage and conditions of the crop at the time of making the forecast, indicate also the possible variations from the estimate which might occur based upon previous experience, and in addition would state the other factors showing the variables which existed both on the side of production and consumption and which should be considered in assessing the effect of the estimate.

On the day following the meeting of the Federation committee a joint meeting was held by the Federation committee and a committee representing the Council of Grain Exchanges, as follows: Chas. W. Lonsdale, Kansas City, Acting Chairman; F. C. Van Dusen, Minneapolis; R. P. Annan, St. Louis; J. C. Murray, Chicago; L. F. Gates, Chicago.

At this meeting the various suggestions which had been proposed at the Federation committee meeting on the previous day were presented and fully discussed, the joint committee arriving at the conclusion that the proposals made by the Federation committee should be agreed to by the joint session.

The joint committee was also of the opinion that the proper functioning of the exchanges under the Grain Futures Act necessitated a high degree of co-operation between the Grain Futures Administration, the Secretary of Agriculture, and the responsible officers of the exchanges, and it was therefore suggested a committee in the Chicago Board of Trade, in particular, be set up as an advisory committee to the Grain Futures Administration, in order to provide a definite contact between this exchange and the Grain Futures Administration, with a view of giving practical application to the supervision of the Grain Futures Administration through the adoption of preventative measures when runaway markets were to be anticipated.

A committee consisting of President Sydney Anderson and Mr. Chas. W. Lonsdale was appointed to confer with the Chairman of the Board of Directors of the Chicago Board of Trade and other officials of that exchange, and with the Secretary of Agriculture, relative to these proposals.

Later, also, in pursuance of the recommendation of the joint committee, Mr. Lonsdale and I conferred with the Secretary of Agriculture in Washington. We found the Secretary very sympathetic with the suggestions presented and received from him assurance that these suggestions would be given consideration and that so far as he had influence or authority to bring them about this authority would be exercised. The Secretary was of the opinion, however, that the correction of these abuses was largely a matter to be undertaken by the exchanges themselves, and expressed the hope that corrective measures would be taken by the exchanges in order that further legislation might be made unnecessary.—Sydney Anderson, Pres. Millers National Federation.

Barley Movement in July.

Receipts and shipments of barley at the various markets during July, as compared with July 1924, were as follows:

	Receipts		Shipments	
	1925	1924	1925	1924
Baltimore, bus.	174,373	.....	150,000	.....
Chicago, bus...	478,000	414,000	133,000	225,000
Duluth, bus...	1,012,695	187,130	943,761	189,493
Kans. City, bus.	73,500	34,500	33,800	24,900
Milwaukee, bus.	554,040	361,600	93,378	138,620
Minneapolis, bus.	774,640	390,540	753,500	558,420
Montreal, bus.	928,120	818,266	638,600	604,019
New York, bus.	1,822,700	405,700	1,750,000	513,000
Omaha, bus....	54,400	12,800	17,600	11,200
Phila. bus....	52,042	1,831	98,333	19,000
St. Louis, bus.	65,000	41,800	38,400	21,040
Superior, bus.	962,826	176,482	1,001,600	180,761
Toledo, bus...	1,200	2,400	.....	.....
Ft. Worth, cars	7	3	5	21
San Fran., tons	65,488	20,138	.....	.....

Corn Movement in July.

Receipts and shipments of corn at the various markets during July, as compared with July 1924, were as follows:

	Receipts		Shipments	
	1925	1924	1925	1924
Baltimore, bus.	39,551	39,923	.....	.....
Chicago, bus...	2,917,000	4,926,000	4,105,000	2,880,000
Duluth, bus...	7,816	101,407	24,439	464,928
Indpls. bus...	1,100,000	1,597,000	948,000	951,000
Kan. City, bus.	890,000	1,423,750	1,632,500	681,250
Milwaukee, bus.	250,120	938,000	354,155	432,726
Minneapolis, bus.	706,950	992,280	671,240	699,370
Montreal, bus.	32,606	14,697	.....	646
New York, bus.	53,500	508,000	22,000	5,000
N. Orleans, bus.	.....	.....	336,732	386,273
Omaha, bus....	543,200	1,150,800	628,600	1,103,200
Phila. bus....	10,402	42,581	84,825	.....
St. Joseph, bus.	598,500	1,156,500	535,500	780,000
St. Louis, bus.	1,009,400	3,700,575	1,009,856	1,976,580
Superior, bus.	10,412	220,545	26,811	455,697
Toledo, bus...	117,500	175,000	90,635	93,800
Wichita, bus.	92,400	165,600	44,400	141,600
Ft. Worth, cars	158	134	68	51
San Fran., tons	1,160	1,354	.....	.....

Abolition of Federal estate taxes and a maximum surtax of not more than 20% of one's income is favored by the Treasury Dept. Under-secretary of the Treasury, Garrard B. Winston in a recent letter insists the combined surtax and normal tax should not be more than 25% of taxpayers income. While grain dealers generally have not worried much over these taxes during the last three years better business is coming and they will be glad to join the great army of income taxpayers.

Volume and Open Trades on Chicago Board.

Revised figures showing the daily volume of trading in grain futures, on the Board of Trade of Chicago during the month of July, 1925, together with monthly totals for all "Contract Markets" as reported by the grain figures administration of the U. S. Department of Agriculture. The figures listed represent sales only, there being an equal volume of purchases. (Expressed in thousand bushels, i.e. ('000 omitted).)

("Short" side of contracts only, there being an equal volume open on the "long" side.) In bushels ("000" omitted).

Date	Wheat	Corn	Oats	Rye	Total
July, 1925					
1	66,150	23,398	6,661	2,839	99,048
2	59,162	25,902	6,091	2,333	93,488
3	42,735	15,211	3,129	1,351	62,426
6	35,244	14,996	3,362	1,421	55,023
7	42,534	19,680	3,951	1,401	67,586
8	41,777	21,858	3,921	1,227	68,783
9	32,771	17,539	2,677	932	53,919
10	44,585	18,097	2,944	902	66,528
11	38,284	14,025	4,773	668	57,750
13	72,557	26,350	5,411	2,013	106,631
14	64,193	20,506	3,559	2,038	90,296
15	58,484	14,710	3,812	1,258	78,264
16	57,671	13,605	2,328	1,117	74,721
17	77,127	16,501	2,976	1,280	97,884
18	48,454	16,170	3,385	992	69,001
20	42,670	16,830	3,213	746	63,459
21	60,708	16,825	3,239	1,076	81,848
22	68,863	15,628	3,578	1,693	89,762
23	45,470	14,504	2,773	973	63,720
24	62,828	15,672	2,525	1,199	82,224
25	27,837	10,976	2,013	651	41,477
27	34,843	11,660	3,961	659	51,123
28	39,740	12,893	3,896	1,411	57,940
29	34,846	11,566	3,339	845	50,596
30	37,471	14,618	6,271	852	59,212
31	36,462	10,300	5,545	826	53,133

Total Bd. of Trade, 1,273,786 430,020 99,333 32,703 1,835,842
 Total all markets 1,459,923 462,782 112,697 35,466 2,074,955
 *Total all markets year ago, 1,332,727 565,183 163,604 108,006 2,172,574
 *Total markets year ago: Barley, 1,355; flax, 1,699.

OPEN CONTRACTS.

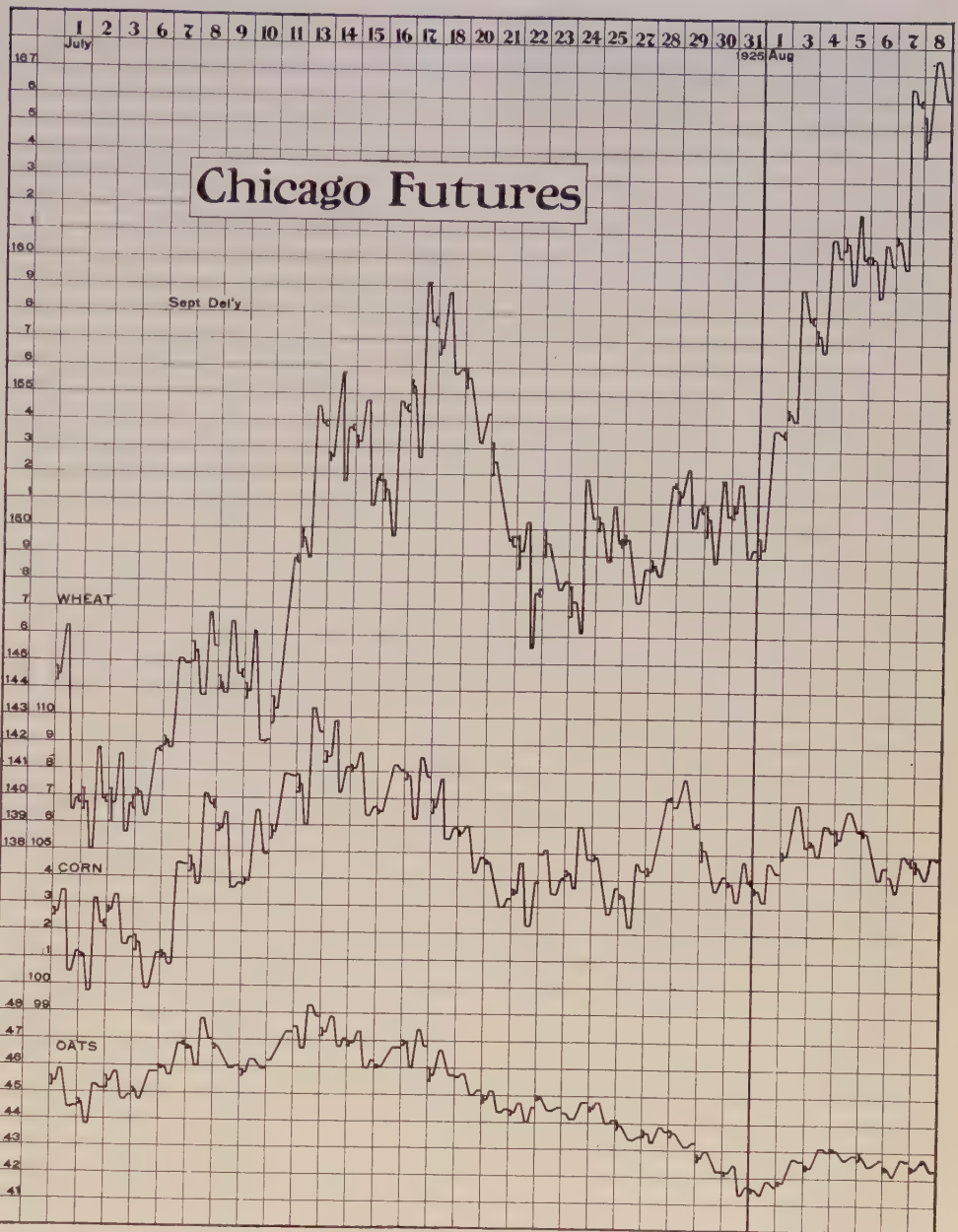
"Open contracts" in futures on the Chicago Board of Trade for July, 1925 ("Short" side of contracts only, there being an equal volume open on the "long" side), in bus. ("000" omitted).

July, 1925	Wheat	Corn	Oats	Rye	Total
1	91,501	45,077	35,701	8,627	180,906
2	88,876	43,840	34,841	8,579	176,136
3	88,875	43,084	34,356	8,409	174,724
6	87,252	43,198	34,440	8,714	173,074
7	86,364	43,586	34,790	8,393	173,133
8	84,395	43,789	34,073	8,376	170,633
9	85,391	44,132	34,045	8,375	171,943
10	86,256	45,356	33,453	8,734	173,799
11	87,658	45,653	33,367	8,375	175,053
13	89,326	45,313	33,475	8,449	176,593
14	90,659	45,167	33,655	8,954	178,435
15	89,551	46,340	33,390	9,078	178,359
16	89,990	46,135	33,482	8,982	178,598
17	90,630	46,285	33,221	9,029	179,165
18	88,821	46,382	32,756	8,939	176,898
20	90,095	47,560	32,346	8,916	178,917
21	91,762	47,146	32,001	8,994	179,903
22	94,400	47,282	32,256	9,061	182,999
23	94,455	48,542	32,039	9,216	184,742
24	95,706	48,771	32,038	9,281	185,796
25	95,174	48,651	31,972	9,396	185,193
27	94,034	49,432	32,119	9,401	184,986
28	96,067	50,119	32,462	9,386	188,034
29	95,942	50,323	33,219	9,310	188,794
30	94,664	49,545	33,416	9,369	186,994
31	92,018	49,647	34,808	9,450	185,923

Deliveries on July Contracts—The total quantity of grain delivered (including re-deliveries) on July contracts was 19,449,000 bus. made up as follows: Wheat, 4,887,000 bus.; corn, 7,162,000 bus.; oats, 5,283,000 bus., and rye, 2,117,000 bus.

A stalk of corn 14 ft. 10 in. high was grown in a field near Shenandoah, Ia. Gosh! corn in Iowa must also be good for shade and lumber.—Chicago Trib.

Samples of Indiana Michikoff and of new southern Ohio soft wheat show a tendency toward higher protein and gluten content, ranging from 12.50 to 13.50; also, the present wheat seems much drier, says the Mid-West Laboratories Co., Inc., of Columbus, O.



Daily Closing Prices.

The daily closing prices for wheat, corn, oats, rye and barley for September delivery at the following markets for the past two weeks have been as follows:

	July 25.	July 27.	July 28.	July 29.	July 30.	July 31.	Aug. 1.	Aug. 3.	Aug. 4.	Aug. 5.	Aug. 6.	Aug. 7.	Aug. 8.
SEPTEMBER WHEAT.													
Chicago	149½	148½	151½	150½	150½	149½	153½	157¾	160½	160	159¾	165¾	166
Kansas City	147	146¾	149¾	148¾	148½	147¾	151¾	155¾	157¾	158½	157¾	163¾	164
St. Louis	150¾	149¾	152¾	152¾	152½	152½	154	158½	161½	161½	161½	166¾	166¾
*Minneapolis	148¾	147¾	150¾	150¾	150¾	148¾	151¾	156¾	158¾	157¾	157¾	161¾	162½
Duluth (durum)	135½	134¾	137	136¾	137¾	136	138¾	142¾	143½	144½	144½	148½	149
*Winnipeg	137½	136¾	139½	138½	137½	136	138½	***	145	147½	146½	149¾	148½
Milwaukee	149½	148¾	151½	150¾	150¾	149½	153¾	158	160½	160½	160½	166½	166½
SEPTEMBER CORN.													
Chicago	103½	104½	107	106	104½	103½	104½	105½	105½	105½	104½	104½	104½
Kansas City	101	101½	103¾	103¾	103¾	101½	101¾	102¾	103	103¾	101¾	101¾	101¾
St. Louis	103	103½	106	105¾	103½	102½	103¾	104¾	105½	105½	104½	104½	104
Milwaukee	103¾	104½	106¾	106¾	104½	012¾	104½	105½	105¾	106	104¾	104¾	104¾
SEPTEMBER OATS.													
Chicago	44½	43½	43½	43½	42½	41½	41½	42½	43	42¾	42¾	42½	42¾
Kansas City	44¾	43¾	43½	43½	42¾	41¾	41¾	41¾	42½	42½	42½	42½	42¾
Minneapolis	39¾	39¾	39¾	39¾	38¾	37½	37¾	38¾	39	38¾	38¾	38¾	38¾
*Winnipeg	48¾	48¾	49½	48¾	47¾	45½	45½	***	49¾	49¾	49¾	49¾	49¾
Milwaukee	44½	43½	43½	43½	42½	41¾	41¾	42½	42¾	43	42¾	42¾	42¾
SEPTEMBER RYE.													
Chicago	97½	96½	98½	97	96¾	96½	98	99	101½	103¾	103¾	106¾	108
Minneapolis	94½	92¾	94½	94¾	93¾	92¾	93¾	96	99¾	101	101½	103¾	104½
Duluth	95¾	94¾	97	96½	95¾	95	96¾	98¾	101	102¾	102¾	105¾	106¾
*Winnipeg	95	94	96½	95½	95	94	95¾	***	98	100	99	102½	105½
SEPTEMBER BARLEY.													
Minneapolis	70½	70½	71½	71½	71½	70¾	70¾	71	72¾	72¾	72	72¾	72¾
*Winnipeg	75½	75¾	77½	77	77¾	76½	77	***	80¾	79½	79½	79¾	79½

*October. **New wheat. ***Market closed.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

CANADA.

Edmonton, Alta., Aug. 6.—Crop conditions are very favorable in this territory, especially north of this city. Cutting has commenced this week and the wheat should yield in excess of 25 bus. per acre. Some crops will yield up to 40. From present prospects we would judge that the grade will be very good. Oats and barley have suffered somewhat in yield owing to lack of moisture this last month, but today we are having a general rain which should improve this district considerably in the coarse grain line.—Edmonton Terminal Grain Co., Ltd.

COLORADO.

Holly, Colo., July 31.—Not much wheat raised here this year—only on irrigated ground. Corn crop will be very short, also the kafir and maize crop will not be enough to feed. Will be a large amount of wheat sown this fall.—M. W. Spence, mgr., Holly Co-op. Equity Exchange.

ILLINOIS.

Petersburg, Ill., July 24.—Wheat crop is light.—P. Schneider, Eagle Mlg. Co.

Beardstown to Havana, Ill., Aug. 3.—I've never seen such splendid, tall, even stands of corn as are to be found in the Illinois River Valley this year. Wheat is not so good, tho, and is only testing 56 to 58, with considerable cockle and foreign matter and poor berries.—E. M.

Champaign, Ill., July 30.—Corn thru the section embraced by Mattoon, Champaign and Danville is not showing such bright prospects as farther west. Rainfall has been insufficient and the crop is quite spotted with a lot of the stalks yellowing around the bottom. The farmers were unable to do much cultivating and the ground is baked as hard as pavement.—E. W. M.

Springfield, Ill., Aug. 5.—Nights have been too cool this past week for corn. Good rains fell over most of the northern division, but they were generally inadequate in the south and central, where moisture is needed for corn, etc. Corn has been damaged by drought in parts of the south third of the state. Some stubble plowing is under way. Threshing continues, with a good yield of oats in parts of the northern area. The central counties were troubled with excessive sunshine the week preceding and hail did some damage to corn, especially in Rock Island county.—Clarence J. Root, Meteorologist.

IOWA.

Westfield, Ia., July 27.—Need rain badly for the corn.—X.

Gravity, Ia., Aug. 6.—Wheat crop light in this section.—Z. Steele.

KANSAS.

Friend, Kan., July 25.—No crop this year.—I. R. Romer, mgr., Morton Grain Co.

MICHIGAN.

Webberville, Mich., July 25.—Wheat is half a crop tho of good quality. Hay is poor. Seeding mostly gone. Corn looks good. Oats are about half a crop. Season has been very dry.—Charles Cool.

Richville, Mich., July 27.—We will have an average wheat crop; the yield will run about 30 to 45 bus. per acre; fair crop of oats. On account of increased acreage we will have a large crop of beans, above the average. Need rain.—R. Hoerlein.

MONTANA.

Antelope, Mont., July 23.—The wheat here will yield about 5 bus. to the acre.—Hoven Grain Co.

Bainville, Mont., Aug. 7.—The wheat crop is about 50% of last year; is weighing from 50-58 lbs. per bu. Flax and oats entire failure. Corn will make some fodder.—Fairview Mill Co.

Chinook, Mont., Aug. 7.—Our acreage has increased about 20% and our yield will be cut about the same with the same amount of bushels as last year for total handling.—Oscar Hailen, pres., Milk River Elvtr. Co.

NEW MEXICO.

Raton, N. Mex., July 28.—Rains opened here about two weeks ago, but will help crops very little except roughage. A big planting of fall wheat planned.—C. R. Adamson, Adamson Mercantile Co.

NORTH DAKOTA.

Oakes, N. D., Aug. 7.—Wheat about same tho a little lighter weight. Oats and barley better than last year. Wheat yield about 18, oats 40, and barley 30.—H. O. Jennings.

Kempton, N. D., Aug. 5.—Wheat 50% decrease; barley slight increase in acreage; oats the same; flax 25% decrease, and rye 75% decrease.—A. T. Martinson, mgr., Kempton Grain Co.

Hope, N. D., Aug. 6.—Wheat will yield about same as last year. Durum is of fair quality. Milling wheat will be light. Hail storm here tonight did lots of damage.—R. E. Young, Hope Elvtr. Co.

Cogswell, N. D., July 27.—Crop conditions in this locality are excellent and there is little evidence of rust. Harvesting has just commenced and do not look for any grain to be threshed before Aug. 15.—Max F. Bale, prop., Cogswell Independent Elvtr.

Hope, N. D., Aug. 8.—The bread wheat is very spotted; about 55-58 lbs., with possibly 10-12 bus. to the acre. Was 15-18 bus. last year. The durum is better with 16-18 bus. to the acre. Oats are good; barley a very good crop, and rye is poor. Flax very spotted. With a late fall and a little rain the late flax might make a pretty good crop.—C. D. Wheeler.

OHIO.

Enon, O., July 31.—Wheat crop is only 50% this year at our station. Good oats crop.—X.

Howard, O., July 27.—Threshing in progress, yields much better than expected, wheat making from 10-42 bus. to the acre. Oats have come out wonderfully well. Corn acreage large, the finest prospect ever known and about two weeks ahead of the season.—Oregon Flke.

Toledo, O., July 31.—It now develops in mammoth clover areas that the heads are brown and maturing with practically no seed in them. The seed failure is attributed to frosts and it is now too late to clip these fields and get a second growth for seed. The situation is serious. Where a bumper red clover seed crop was promised early this season, we now have a short one confronting us. We need not be surprised if it be no larger than last year's. At the moment it is in a most uncertain state. This explains the wide shifting in values recently in new crop October-December deliveries. Prospects have deteriorated most in Ohio, Indiana, Michigan and Illinois; in many sections of these states red clover will not be 20% of a crop. Nowhere will there be a full crop. It can be foreseen that there will be a rush of buying of foreign reds again this season; Europeans have a crop this year in sight which will enable them to surfeit all comers—and surfeited we will be. Alsike has been a conspicuous failure in hay and seed this summer, following a spring of most abnormal demand. It will be wise to watch alsike closely. It may be many will be disappointed in the demand next spring and that it will shift sharply to sweet and alfalfa. Many have been heralding the bright outlook for a good mammoth clover seed crop. Today no one believes it. Today no section promises it. Caution must be followed. More must be known of the actual situation, but many plant samples are coming to hand with large matured brown heads, and no seed in them.—A. Gassaway, Sec'y, Toledo Produce Exchange.

OKLAHOMA.

Gate, Okla., Aug. 4.—Spring crops look fair. Wheat all threshed.—O. C. Usher, mgr., Burk Elvtr. Co.

Gracemont, Okla., Aug. 4.—The corn and cotton crops are fine here. Have suffered but very little for the need of rain. Farmers are feeling good over prospects of a big crop.—C. A. Downing, C. A. Downing Elvtr. Co.

OREGON.

Condon, Ore., July 31.—We expect 700,000 bus. of wheat, which is half what we expected 30 days ago.—X.

Ontario, Ore., Aug. 4.—The crops in this section are very good this year as the wheat has been going as high as 73 bus. to the acre. Some fields have been estimated to go more, but they have not been threshed as yet. All other crops

are equally good.—J. D. Bennett, mgr., Ontario Grain Co.

SOUTH DAKOTA.

Huron, S. D., July 31.—Prospects for a corn crop in South Dakota are good, especially in the northern part of the state. Some places in the south central part that are inclined to be sandy did not receive sufficient rain at the tasseling stage to keep it from firing so a light crop will result in some localities.—C. H. Townsend.

Firesteel, S. D., Aug. 7.—Wheat will average better here than last year and we have a much greater acreage. Oats are also good and barley exceptionally so. There is a good many times any previous acreage of flax; some of it is good but the late flax needs rain. Corn, too, will be a great short crop unless we get some rain.—A. L. Holt, mgr., Farmers Grain Co.

Kennebec, S. D., Aug. 5.—Spring wheat is making about 11 bus. to the acre; last year it made 10. Winter wheat making 8 bus. where it made 18 in 1924. Durum will go 12 bus. against 14 the previous season. This year's grain is all good quality but small yields and about half the 1924 acreage. Unless it rains, however, some corn will be gone. Flax is no good.—C. Irwin.

Tea, S. D., Aug. 7.—We do not raise any wheat in this locality but our oats are good, even better than last year. The yield is about 45-50 bus. per acre by weight. Our corn made wonderful progress during June but the month of July has been too dry so it is not earing out very well. At the present time it needs rain very badly and if we do not get it soon we cannot expect even half a crop.—J. P. Olson.

Bryant, S. D., Aug. 7.—Our wheat, or Durum (which is all that is raised here), prospects were very good but an infection of smut has shown up which will make the yield at least 25% less than last year. Oats and barley are fair but not as good as in 1924. Corn prospects were wonderful until dry weather set in and considerable damage was done. If we don't have rain soon we won't get any corn.—H. L. Stearns.

TEXAS.

Truscott, Tex., Aug. 3.—Crop almost failure.—X.

Stamford, Tex., July 27.—No grain sown in this section past season.—X.

Sipe Springs, Tex., July 27.—New grain crop a failure this season. All other crops very poor account continued drouth.—X.

Summerfield, Tex., Aug. 5.—Wheat was an entire failure this year. Kafir and milo look fine; big acreage and plenty of moisture to fully mature crop.—Laurence Johnson.

Muleshoe, Tex., Aug. 3.—Crop prospects are about 50% normal. Sudan seed is one of our big crops and we figure it about 50% normal also.—Ray Griffiths, mgr., Bailey County Elvtr. Co.

Washington, D. C., Aug. 8.—For the cotton belt as a whole the condition of 65.5% on Aug. 1 indicates about 13,566,000 bales of 500 lbs. gross weight, a change of only 22,000 bales from the figure of 13,538,000 bales indicated by the condition on July 16. Further declines due to drought in portions of Texas and Oklahoma have been about offset by a lessening of the weevil menace in the Southeast and by the enhanced prospects in Arkansas, Tennessee and Missouri. Army worms, rust, lice and wilt are reported from scattered localities in Louisiana, Mississippi and adjoining states. Lice have practically disappeared in Texas.

The cold weather of the past period ending with August 5 has not been good for the corn, says W. G. Hudson for the Van Dusen Harrington Co. Few showers have left the corn in need of moisture and the effects are noticeable. South Dakota will go light unless we have rains very soon. Dry weather has been favorable for threshing; yields vary considerably, however. Protein content is better than that of last year. Eastern South Dakota, western Minnesota, eastern and northern Montana is where the crop was most affected by the heat or dry weather. Occasional fields of spring plowing are very thin, even in the better districts. Black rust has been gradually spreading into the more northern districts of the Northwest. Samples of wheat infected with rust show no damage, however, tho in South Dakota and southern North Dakota the wheat has been hurt and some of it is shrunken and of light weight. The durum wheat has

withstood the rust fairly well, better than the bread wheat at least. Considerable barley has been threshed and some of it marketed, the early being of good quality. A wide variation in the oats crop is indicated by the little threshed and marketed; it matured too rapidly and consequently will be of light weight. The flax crop is spotted thruout the entire Northwest. Eastern North Dakota flax matured well and good returns are expected. Late flax is not doing so well on account of the cool, dry weather; some fields will not pay to cut.

Hot, dry weather in Montana and western North Dakota and rust in Minnesota and the Dakotas are responsible for a reduction of spring wheat prospects, which are now 254,567,000 bus., according to Nat. C. Murray, statistician for Clement, Curtis & Co., Chicago. A feature of this year's spring wheat is the large proportion of the crop which is maturing with shrunken berries due to the effect of both heat and rust. Total indications of winter wheat are placed at 408,094,000 bus. Corn condition on Aug. 1 is estimated at 104.5% of the 10-year average, or a forecast of 3,116,096,000 bus. Oats condition is placed at 92.5% of the 10-year average, the yield estimates totaling 1,326,347,000 bus., or 29.8 bus. per acre.

Corn condition is 82.2% normal, writes R. O. Cromwell, statistician for Lamson Bros. & Co., Chicago. Indicated production is 3,039,000,000 bus. If rains are timely and frost not earlier than an average, one of our largest crops may be obtained, even tho losses were heavy in the cotton belt. Prospects by states (in millions of bushels): Ia., 460; Ill., 382; Neb., 242; Mo., 213; Ind., 204; S. D., 145; Minn., 142; Kan., 121. Spring wheat condition of 71.6% suggests a crop of 254,000,000 bus. and the exaggeration of the heat damage. Production by states: N. D., 99; Mont., 36; S. D., 25; Minn., 23; three Pacific northwest states combined, 58. Winter wheat production is estimated at 407,000,000 bus. and rye at 53,300,000. Oats condition is uncertain. 75.6% suggesting 1,329,000,000 bus. Barley condition is 78.5%, promising 215,000,000 bus.

Government Crop Report.

Washington, Aug. 10.—The crop reporting board of the U. S. Dept. of Agriculture makes the following forecasts and estimates:

	Total production		Yield per acre	Condition
	in million bus.	Har-vested Aug. 1, 1925		
	1925	1924	1925	1924
Winter wheat.....	416	590	12.7	16.2
Spring wheat.....	263	283	12.4	15.9
All wheat.....	678	873	12.6	16.1
Corn.....	2,950	2,437	27.7	23.2
Oats.....	1,387	1,542	31.2	36.3
Barley.....	214	188	24.5	26.5
Rye.....	52.0	63.4	12.4	12.2
Buckwheat.....	16.4	16.0	19.9	19.6
Flaxseed.....	23.5	30.2	7.6	9.2
Rice.....	36.2	34.0	36.3	38.1
Hay (tons).....	91.0	112	1.20	1.47

WINTER WHEAT.

State—	Total production		Yield per acre	10-yr. av.
	thousands of bushels.	1925		
	1925	1924	1925	1924
New York.....	6,771	6,588	18.3	20.7
Pennsylvania.....	24,560	19,850	20.0	17.8
Maryland.....	11,613	8,532	21.0	16.1
Virginia.....	10,914	9,628	14.0	12.4
Ohio.....	26,056	37,313	14.5	16.9
Indiana.....	28,144	31,365	14.5	15.6
Illinois.....	39,201	34,251	15.2	16.9
Michigan.....	15,576	19,888	16.5	17.5
Missouri.....	30,518	24,589	13.2	12.8
Nebraska.....	30,464	54,483	11.5	15.3
Kansas.....	66,368	153,644	8.4	13.1
Texas.....	4,152	25,826	6.0	12.5
Oklahoma.....	24,903	54,874	8.2	12.5
Montana.....	3,335	10,893	14.5	15.5
Colorado.....	14,400	15,974	12.0	16.1
Washington.....	10,412	19,354	24.5	25.0
Oregon.....	6,732	13,035	22.0	20.9

U. S. total 415,697 590,037 12.7 14.9

RYE.

State—	1925	1924	1925	1924
Pennsylvania.....	3,604	3,264	17.0	16.7
Indiana.....	2,974	3,682	11.8	14.2
Illinois.....	2,139	2,580	13.8	16.6
Michigan.....	4,279	6,006	12.5	14.2
Wisconsin.....	4,095	5,457	15.0	16.3
Minnesota.....	7,917	11,780	14.5	17.4
North Dakota.....	10,838	13,860	9.6	11.5
South Dakota.....	1,938	2,956	9.5	15.7

U. S. total 51,968 63,446 12.4 14.4

Oats remaining on farms August 1, 1925, is estimated at 5.9% of last year's crop, or about 91,630,000 bus., compared with 65,710,000 bus. on

August 1, 1924, and 85,423,000 bus., the average of stocks of oats on Aug. 1 for the five years, 1920-24.

SPRING WHEAT.

State—	Condition Aug. 1, 1925	Production in thousands of bushels.	
		Forecast	Harvested
		1925*	5-Year Avge.
		Aug. 1	1920-1924
Minn.....	71	22,800	34,313
N. Dak.....	75	102,134	134,618
S. Dak.....	72	27,163	33,018
Mont.....	62	35,281	40,775
Ia.....	92	18,409	12,180
Wash.....	73	26,354	7,946
U. S.....	73.9	262,749	282,636

CORN.

State—	1925	1924	5-Year Avge.
Penn.....	94	77,080	55,692
Ohio.....	96	176,797	94,900
Ind.....	95	209,968	116,916
Ill.....	91	387,499	293,600
Wisc.....	97	96,522	57,980
Minn.....	83	145,853	126,336
Iowa.....	90	149,631	304,752
Mo.....	81	202,587	170,612
S. Dak.....	77	122,084	99,990
Neb.....	70	195,686	203,280
Kan.....	57	104,881	130,905
Ky.....	58	99,141	80,850
Tenn.....	75	73,690	69,718
Texas.....	30	33,230	78,200
Okl.....	32	24,883	65,600
U. S.....	79.8	2,950,340	2,436,513

OATS.

State—	1925	1924	5-Year Avge.
N. Y.....	92	36,518	34,056
Penn.....	85	37,961	37,080
Ohio.....	85	71,103	64,657
Ind.....	65	56,978	70,034
Ill.....	74	140,283	163,680
Mich.....	70	46,267	67,200
Wisc.....	94	108,939	103,600
Minn.....	89	164,846	193,500
Iowa.....	89	225,786	248,282
Mo.....	82	46,420	41,745
N. Dak.....	77	70,765	93,364
S. Dak.....	84	83,475	98,050
Neb.....	74	72,612	76,136
Kan.....	65	43,104	39,806
Texas.....	12.3	13,259	48,892
Okl.....	22.0	31,042	38,880
Mont.....	62	18,933	19,854
U. S.....	79.1	1,387,349	1,541,900

BARLEY.

State—	1925	1924	5-Year Avge.
N. Y.....	90	7,484	6,900
Ill.....	86	7,405	7,781
Mich.....	68	3,488	4,743
Wisc.....	94	16,323	13,536
Minn.....	89	28,342	29,248
Iowa.....	89	5,861	4,710
N. Dak.....	82	34,140	35,100
S. Dak.....	86	23,554	22,428
Neb.....	72	5,930	6,275
Kan.....	42	10,731	11,550
Texas.....	7.2	245	3,220
Okl.....	14.0	1,834	4,675
Colo.....	68	8,814	8,160
Calif.....	86	31,896	10,080
U. S.....	19.5	213,596	187,875

Canadian Government Crop Report.

Ottawa, Ont., Aug. 10.—The Dominion Bureau of Statistics issues the following statement based on returns up to Aug. 1:

Wheat production 375,000,000 bus., 10,000,000 in excess of the July 1 estimate, and compared with 262,097,000 bus. harvested last year.

All Canada—		1925	1924
Wheat.....	375,304,000	262,097,000	
Oats.....	446,337,000	405,076,000	
Barley.....	94,265,000	88,807,000	
Rye.....	15,802,000	13,802,000	
Province of Alberta—		1925	1924
Wheat.....	105,218,000	61,312,000	
Oats.....	75,517,000	55,251,000	
Barley.....	13,321,000	12,347,000	
Rye.....	2,334,000	2,744,000	
Province of Saskatchewan—		1925	1924
Wheat.....	205,443,000	132,918,000	
Oats.....	137,945,000	97,345,000	
Barley.....	22,373,000	17,360,000	
Rye.....	4,693,000	2,507,000	
Province of Manitoba—		1925	1924
Wheat.....	38,852,000	41,464,000	
Oats.....	59,017,000	70,729,000	
Barley.....	42,360,000	40,923,000	
Rye.....	6,103,000	5,875,000	

Russian 4,000,000-bu. terminal at Novorossisk, on the Black Sea, is complete. The mechanical equipment is said to be quite modern. The government's one and a third million bushel elevator at Nikolaiev is well under way. The completion date is set for the spring of 1927. The Odessa section is the site for five 30,000-bu. elevators to be erected in the near future.

From Abroad.

Netherland wheat production is placed at 5,181,000 bus. compared with 4,316,000 last year; rye, 15,747,000 bus. against 14,661,000 in 1924; barley, 3,582,000 bus. in 1925 and 3,146,000 in 1924; oats, 19,635,000 bus. against 21,605,000 last year; flaxseed, 315,000 bus. against a harvested 258,000 bus.

German tariff com'te of the Reichstag has decided that the bill for provisional tariff revision should become effective not later than Oct. 1, but that the duties on grain, flour, malt, etc., should become effective two weeks after the final passage of the bill, which will probably be around Aug. 25.

Dutch authorities now plan to reclaim the Zeider Zee thru a system of dams and dykes which will give an added area of close to a million acres, half of which will be suitable and available for cultivation. The cost and value of the completed project are both placed at two hundred million dollars.

Czechoslovakian import duties on wheat are now on a sliding scale, to wit: when wheat (wholesale) sells in the interior for less than \$1.09 the duty is to be 20c; between \$1.09 and \$1.29 the tax is to be 15c; between that high point and \$1.45 the tax is only 10c per bushel, and above that wheat is duty free. Wheat is now around \$2.00 per bushel.

Italian wheat import taxes were again put into force July 25. It was previously announced that these taxes were suspended until Dec. 31, however the Minister of Interior has influenced the Council of Ministers to re-establish a duty of 7.50 gold lire per quintal of wheat (220.46 lbs.) in order to reduce other taxes, make it possible for natives to afford more automobiles and to supposedly reduce the operating expenses of same thru indirect government subsidization.

Jugoslavia crop prospects exceed the productions of last year despite a 3% reduction caused by the agrarian reform and consequent packaging of large plots, says a cable from the International Institute of Agriculture at Rome. The peasants now raise little beyond their immediate wants and regardless of the two and a half million cultivatable acres this new country has in excess of that of the old empire which it took as its nucleus, Serbia, exports remain about constant. Poor agricultural methods share the blame for decline in wheat production.

Roumanian reduced acreage and the agrarian reform, which as in the case of Yugoslavia, has caused poorer methods of cultivation to be employed as well as to reduce the plane on which production was formerly scaled. Regardless of the fact that this country will have an exportable surplus of twenty-five million bushels, the government is not permitting any exportation until November when home requirements will be guaranteed, so it is not surprising that some twenty-five hundred tons of American and Australian wheat has found its way into Roumania. The oats and barley crops are not as promising as are the maize and rye crops.

Egyptian wheat crop is now estimated to be 36,633,000 bus. as compared with 34,186,000 bus. last year. This is a total for the North African countries. The aggregate production of Morocco, Algeria, Tunis and Egypt amounts to 105,000,000 bus. against 80,000,000 bus. last year, most of which increase has occurred in Algeria and Tunis. The combined production of these two countries is about 19,000,000 bus. greater than that of last year. The Egyptian estimate brings wheat production in 18 countries of the Northern Hemisphere to 2,147,000,000 bus. against 2,038,000,000 bus. produced by the same countries last year. These countries represent more than three-fourths of the Northern Hemisphere crop outside of Russia and China and about two-thirds of the world crop excluding Russia and China.

Increase Union of South Africa Corn Crop.

Corn production in the Union of South Africa for the 1924-25 crop is now estimated at 73,214,000 bus., according to a cablegram received by the U. S. Dept. of Agri. from the International Institute of Agriculture at Rome. This is somewhat larger than the previous forecast for this season and considerably above the preliminary estimate of 39,996,000 bus. for the 1923-24 crop.

Domestic requirements are roughly calculated at 34,600,000 bus. On the basis of the new estimate, there should be some 40,000,000 bus. from the new crop available for export and carryover.

The Kansas Opportunity Special.

The Kansas "Opportunity Special" wheat train has just completed a triumphant tour of Kansas which covered two weeks. It was operated jointly by the Kansas State Agricultural College, the Southwestern Wheat Improvement Ass'n, the Kansas Crop Improvement Ass'n and the Santa Fe railway system for the purpose of educating the farmers to grow more and better wheat. The state has a slogan now, "Kansas Grows the BEST Wheat in the World," and it is making every effort to keep that true.

The train, furnished by the Santa Fe and operated at its expense, carried one baggage car in which were the wheat smut treatment machines, one flat car with a canopy top, used as a speaker's platform and for making the smut treating demonstrations, 2 stripped coaches carrying educational wheat exhibits, one coach for emergency purposes in case of rain, and 2 business cars for accommodation of the speakers and others making the tour. In these meals and berths were provided. A third business car occupied by the Santa Fe Division Superintendent accompanied the train for the greater part of the trip. Transportation was free for all speakers and attendants.

H. M. Bainer, director of the Southwestern Wheat Improvement Ass'n, appeared on the program at every meeting. His ass'n co-operated with the Agricultural College and the Kansas Crop Improvement Ass'n in providing educational displays, literature for distribution and advance publicity.

Stops at most places were for 2½ hours, an hour and a quarter being taken up in the program which covered "Wheat Situation in Kansas," "More Profit by Higher Quality Wheat," "Seed Bed Preparation," "Hessian Fly Control," "Good Seed Wheat," and "Control of Wheat Smut."

Miss Vada Watson, the Kansas Wheat Girl, who recently presented President and Mrs. Coolidge with a bag of wheat from the Sunflower state, accompanied the train the entire trip.

Thirty-four counties were covered and it is believed that a total of one-third the wheat growers in Kansas heard the programs. The speakers' flat car was equipped with a loud speaker which enabled those on the out-most edges of the huge crowds to hear distinctly what was being said. Conservative estimates show a total of 117,000 people attended the twelve meetings. The exhibition cars were crowded at all stops.

Speakers on the program included Dr. F. D. Farrell, pres. K. S. A. C.; J. C. Mohler, sec'y State Board of Agriculture; L. E. Call, director Experiment Station, K. S. A. C.; O. S. Fisher, extension agronomist U. S. Department of Agriculture; Dean H. Umberger, extension division, K. S. A. C.; E. A. Stokdyk, extension agricultural economist; W. E. Grimes, depart-

ment of Agricultural Economics, K. S. A. C.; R. I. Throckmorton, department of Agronomy, K. S. A. C.; H. M. Bainer, director Southwestern Wheat Improvement Ass'n; E. G. Kelly and Geo. Dean, K. S. A. C. department of Entomology; H. R. Sumner, sec'y Kansas Crop Improvement Ass'n, and D. R. Porter, extension plant pathologist, K. S. A. C.

Regarding the tour H. M. Bainer of the Southwestern Wheat Improvement Ass'n, says: "Personally I consider the 'Opportunity Special' was by far the best demonstration train that has ever been operated in the Southwest. I have accompanied and given talks from more than 20 such trains and I have never seen as much interest displayed and as many questions asked, nor one-half as many people attending the meetings."

Average gross tons per train, (excluding locomotive and tender but including cars), in May was 1695. This figure exceeds any previously reached in any month and the new record was almost entirely due to the fact that the average number of cars per train was 44.6, which also exceeded the best previous record of 43.8 which was made in Oct. 1924. Altho the average weight of trains was greater than ever before they were moved an average of 12.2 miles an hour, which exceeded the previous high record of 12 miles made in April.—*Railway Age*.

Leaking Cars at Milwaukee.

Chief Weigher M. H. Ladd of the Milwaukee Chamber of Commerce reports that 11% of the cars loaded with grain are found to be leaking when they reach that terminal during the first six months of 1925.

This percentage over the first six months of this year totaled 1,114 cars and this many complaints or claims were probably filed very shortly after the distasteful news was broken to them.

Many of these leaks could have been prevented provided care had been taken in cooping car preparatory to the loading. The very nature of the leaks points to a possible saving all around.

In the order of their seriousness these leak statistics condemn the neglect of the shippers: loose side sheathing, 226 cars; broken side sheathing, 165; at side door post, 159; over grain door, 140; bulged grain door, 126; loose end sheathing, 103; at corner post, 67; broken end sheathing, 42; broken grain door, 37; shifted grain door, 31; at end of grain door, 31; at end post, 24; thru hole in floor, 16; at draw bar, 15; at end door, 9; and broken out at roof, 2.

Knowing where to prevent leaks and (consequent losses) is alone a valuable asset for any observing shipper.

Hay Rate Discrimination to Southeast.

Jas. W. Dye presented to the National Hay Ass'n, at its recent Cedar Point convention a complaint of the unjust discrimination by the railroads in rates on hay from New York and Eastern interior points to the Southeastern territory. He said in part:

We will be more than pleased if the National Hay Ass'n will recognize the unfair conditions and enter into a discussion by which some attempt may be produced to secure proper adjustment of these rates for the coming season, otherwise our Central West Terminal markets and shippers will certainly collapse in business as far as hay shipments are concerned.

The Interstate Commerce Act specifically prohibits such conditions to continue under the following:

Sec. 3. (As amended February 28, 1920.) (1) That it shall be unlawful for any common carrier subject to the provisions of this Act to make or give any undue or unreasonable preference or advantage to any particular person, company, firm, corporation, or locality, or any particular description of traffic, in any respect whatsoever, or to subject any particular person, company, firm, corporation, or locality, or particular description of traffic, to any undue or unreasonable prejudice or disadvantage in any respect whatsoever.

The cost of production of hay in the Central Western states from the farmers to the cars of the carriers is practically the same in every respect as it is from New York or Eastern interior points. Therefore, the localities of New York and Eastern points are not entitled to the privileges that are extended to them by the carriers in the matter of these freight rates on hay from their interior points to the Southeastern territory, which rightfully belongs to the Central Western locality and they should not be permitted to continue to have the advantage in the Southeastern territory.

The average rates on hay from producing interior points surrounding the locality and terminal market of St. Louis is 17 cts. per hundred pounds, which added to the lowest combination reconsigning rate out of the terminal market of St. Louis will show as a comparison to Waycross, Georgia—a total thru rate of 68½ cts. cwt., while the rate from these Eastern points is 50½ cts. cwt., making a difference of 18 cts. cwt., or \$3.60 per ton, which is based on the locality that produces the hay.

Comparison of Distance or Mileage.

Rochester, N. Y., to Waycross, Ga.....	1,216 mi.
St. Louis, Mo. to Waycross, Ga.....	872 mi.

Distance in favor of St. Louis.....	344 mi.
Rochester, N. Y., to Perry, Fla.....	1,715 mi.
St. Louis, Mo., to Perry, Fla.....	1,083 mi.

Distance in favor of St. Louis.....	632 m.i.
	Cts.

Rate from Rochester, N. Y., to Perry, Fla..	60
Rate from St. Louis, Mo., to Perry, Fla....	64½
Rate from St. Louis interior points to Perry	81½

There is not a single point where we distribute hay in Georgia, Alabama, Florida and a great portion of South Carolina where the distance or mileage does not favor St. Louis and our locality, which is unjustly discriminated against.

One of our readers, a corn syrup manufacturer, tells of receiving the following complaint: "Dear Sirs: I've 8 three cans of ur corn searip and it hain't helped mi corns won bit." Very thoughtless. He should have tried soaking his corns in it one hour each night.

The Grain Dealer's Lament.

By E. W. M.
 Lots o' whimperin' comes from grain men,
 'Cause the farmer, he
 Is shoppin' 'round amongst the buyers
 An' ain't got no loyalty.
 That John Jones, a few miles yonder,
 'S biddin' pretty high
 An' the farmers flockin' to him,
 O' Jones takin' quite a fly.
 Guess I'll have to meet his prices,
 Tho I'm losin' in the game;
 Ain't nothin' in plain merchandisin',
 Wonder who's to blame?

Cannot Congress with eternal
 Legislation find some way
 Us grain men can make some money—
 Make our business pay?

Lots I've done for Farmer Nelson,
 Helped him out when times was bad,
 But his wheat's in Jones's house now,
 Where a higher price is paid.

Congress jus' keeps steppin' on us,
 While the farmer, he
 Keeps on shoppin' 'round amongst us,
 An' ain't got no loyalty.



"Kansas Opportunity Special" Better Wheat Train at Great Bend, Kan.

Michigan Dealers Hold Interesting Meeting in Detroit

The 24th Annual Convention of the Michigan Hay and Grain Ass'n was called to order at 9:30 a. m. Monday, July 27th, by Pres. H. R. White of Scotts in the Ball Room of the Tuller Hotel, Detroit.

After the singing of the first verse of America, Rev. E. J. Warren, D. D., of Detroit invoked divine guidance.

COMMODORE JOHN L. DEXTER of Detroit introduced Hon. John Atkinson of the Detroit Corporation Counsel's office, who, in the absence of Mayor Smith, welcomed the visitors to Detroit. In a brief address Mr. Atkinson explained the reasons for the rapid growth of the city and the important part the city played in the country's transition from the horse and buggy to the motor car age. He advised the visitors they would pass up an excellent opportunity during their stay in Detroit if they failed to visit the Windsor, Ont., oasis across the river.

F. E. McGunagle, Snover, responded in behalf of the Ass'n.

Pres. White read the following report of the Board of Directors:

President White's Address.

Our predictions at the Convention at Adrian, that all indications pointed to a much better time for the growers and that we could look forward to much better prices for the Producers in general fully materialized the Past Season.

When we say the farmer will find himself \$500,000,000 richer by the end of June than he was at the same time last year, we speak nationally, of course. However, this increased prosperity is by no means evenly distributed. It is principally found in wheat, cotton and tobacco sections, some of which had very unsatisfactory yields the year before and in some cases for two or three years past. The largest gain has been felt in North Dakota, where there is a 95 percent increase in farm income.

In the face of the fact that Winter wheat is the smallest crop in the last 10 years and that more than one-fifth of the area planted in winter wheat last summer has been diverted to other crops and other discouraging situations that are effecting the growing foodstuffs, we are optimistic. There has been a steady progress for two years, farmers are in a better frame of mind.

"HORSES IN DEMAND," may sound strange to you in the day of the automobile and tractor. This condition is true, nevertheless, as there is a good demand for real horses and in the years to come the demand will increase. Good Draft horses, saddle horses and race horses, are now wanted and sell at profitable prices, to the producers, while all other kinds sell at a loss to the producer.

However, it is our opinion that the consumers are going to take more notice of the delivery cost in the future and that not only will the heavy draft horse and race horse be wanted, but the delivery horse of 1200 lbs. to 1500 lbs. as well. For this reason we believe that in order to receive profitable returns the breeders of horses and mules should consider carefully the kind of stock they are to raise. It costs no more to raise a thoroughbred than a plug.

There are twenty-three million horses in Cities and on Farms in the United States, and the hay crop that they helped to consume last year was worth approximately one and one-half billion dollars which is nearly two hundred million dollars in excess of the cost of gasoline. Estimates for the year 1924 indicate that there are about fifteen million automobiles in use in the United States consuming more than seven and one-half billion gallons of gasoline a year. Few people realize that the hay crop ranks third in importance in the United States, following directly after corn and cotton.

The value of the 1924 hay crop is estimated by the United States Department of Agriculture at one billion four hundred and sixty million dollars, or four hundred and thirty-seven million more than the value of the wheat crop, nearly twice that of the oat crop and greater than the value of all the fruits and vegetables produced in the United States. About seventy-six million acres are devoted to hay production, which is greater than the acreage of any other crop except corn. It is almost half again as large as the wheat acreage, and nearly double the acreage of cotton or of oats.

Notwithstanding its ranking position, hay has received less attention with respect to standardization of the product and marketing methods than any other of the major crops. The hay trade so far as Michigan dealers were concerned was perhaps the most unsatisfactory of many years. Our recommendations to the growers all season were to keep their old hay and plow under the new crop giving the land the much needed humus, however, drouth has reversed this and we have an entirely different problem to solve this Season.

A crop survey of six of the hay producing States from about five hundred correspondences indicates as a whole a decidedly light crop with Michigan, Ohio and Indiana the lightest in the order named and averaging about 40% of a crop. New York, New Jersey and Pennsylvania show somewhat better an average of 64%. On the other hand every State reports considerably more old hay back than usual, held principally by farmers, averaging over the six States about 21% of a crop. We unquestionably have a light crop but; have a large carry-over from the 1924 crop. Commenting generally shippers report the clover crop of a better quality and quantity than timothy. Although we have harvested the lightest hay crop in this section for many years. There is enough hay to supply our wants if it is properly distributed.

As the first cutting hay this Season will have only a fair shipping value. It's up to us to prepare the second and third cutting as choice hay to take the place and be the shipping hay along with the old hay. There was about \$10.00 per ton difference in the markets this Season between the actual sale price of first cutting alfalfa and choice second and third cutting fine stem leafy pea green alfalfa; \$2.00 to \$5.00 per ton difference between the price of the last two cuttings of alfalfa; depending on whether they were cut early the proper time so that it remained soft and pliable or cut late so that it dried out and was brittle and when baled and shipped it was all broken up, leaves powdered and stems bare.

Michigan alfalfa should be the hay that commands the top of the market and that rests with the grower if he will cut each crop of alfalfa hay at once just as soon as the crown starts to sprout. (It's a mistake to wait till the hay is in full bloom). It will give the new crop a greater opportunity to come on and get out of the way before the late hot summer weather.

Cut the alfalfa early, properly cure it and then see that it's stored in the mow, so that it will come out the same pea green color that the Alfalfa hay went into the mow. Keep it free from grass and weeds; stored in a good dry place, keeping it as dark as possible after the hay is baled until delivered to the cars.

Professor Cottrell says that when bales are opened and scattered in feeding a considerable part of the leaves is wasted, the loss of protein wasted in feeding baled being frequently from one-fourth to one-half of the total amount of the original hay.

The zone rate Decision is a boom to Michigan shippers and it's pleasing that our Association assisted in this. We are firm in our belief that if our Ass'n had the money now spent by the growers trying to break into Industrial lines and this money spent in suitable advertising convincing Producer that it was for his interest to grow quality hay and the dealers to properly grade and load this hay that we could build for Michigan hay a reputation equal to what the Californian has on his oranges, lemons, raisins, etc. This also applies to grains—Michigan should be known the Country over as the place to get the best soft winter wheats, Rosen Rye and Seed Oats and proper standardization coupled with suitable advertising would bring the rest of the country to Michigan for Seed Grain, Forage, as well as for quality Poultry and Stock.

The amount now subscribed by the grower each year could well be put in the hands of a proper advertising agency half of it spent in helping the grower to produce the best grains, Forage, Poultry and Live Stock in the World and the other half spent in telling the World Michigan was the place to purchase. Surely this would go far to increase the returns to the Producer and make a much pleasanter business for the Dealer.

If every hay, grain, bean, seed and flour dealer was a Member of our Association and would work together in Sections and organize the Producer to co-operate with them to help put this proposition over.

WHAT ARE YOU DOING? Some men work because they have to. But there are among us mortals countless individuals who make their work a pleasure. To these men jobs

appear as opportunities and problems become challenges that invite a contest. Such men are found in all walks of life, many of them making pleasure out of tasks that to others would be disagreeable.

SECY T. J. HUBBARD, Lansing, read the report of the Sec'y and Treas., from which the following is taken:

Secretary's Report.

During the past twelve months, I have published and mailed to our members, both active and associate, a total of seven Bulletins. Instead of issuing these Bulletins about a certain time each month, I have endeavored to conserve our resources, and have published them as often as there were matters of sufficient importance to require the attention of our members.

Traffic.—The special hay rates which went into effect May 5th to points in the Carolinas, and the new class rates which go into effect Sept. 10th from Michigan points to Central Freight Assn. territory, also the new rates between points within our state, which became effective on the same date, will save every shipper in one year more than enough to cover the cost of annual dues in our Association for a lifetime.

Legislative Matters.—During the months of January and February of this year, your Secretary received letters from two or three of our members suggesting some changes in the Michigan Feeding Stuffs Law, which they thought would work to better advantage for feed grinders or manufacturers located in this state. I therefore arranged for a conference with Mr. Gaegle, of the Feedstuffs Division of the Michigan Dept. of Agriculture, for the afternoon of March 17th, and mailed out on March 7th about 550 postal card invitations to the elevator and flour mill operators of Michigan, asking them to attend this conference and submit any suggestions they had to make in the way of proposed changes in the law. Just three elevator operators and your Secretary were present at the meeting. Mr. Brown of Chicago, Sec'y of the American Feed Mfrs. Assn., and two or three state feed inspectors were also there.

The Dept. of Agriculture is opposed to any change in the present law which would reduce the revenue received from the present license fees, as it would reduce the efficiency of the present inspection system, thus reducing the effectiveness of feed regulation. They are also opposed to increasing the exemptions or permitting the grinding and mixing of any grains other than pure corn and oats as specified in the present law. It is obvious that any reduction in license fees, or the changing to a tonnage tax, or any other deviation from the present feeding stuffs law must be on an equitable basis and necessarily affects non-residents in the same manner as Michigan manufacturers. Otherwise this would be class legislation and unfair.

It is my belief from a talk which I had with Mr. Gaegle a short time ago that if those who are interested in having the present feedstuffs law changed will get together for a conference some time between now and the next session of the state legislature, and adopt some concrete plan, under which the present license fees can be reduced for both resident and non-resident manufacturers, and at the same time maintain the revenue at its present level, or increase it, that the Department of Agriculture will give it serious consideration, and if found workable, will be willing to co-operate to have the desired changes incorporated in an amendment to the present law.

Membership and Dues: At the time I rendered my report at the last Annual Convention, our active membership was 128, of which 11 were owing your Ass'n dues for the year 1923-24 amounting to \$77.00. During the last twelve months we have taken in 16 new members, of which your secretary secured 10, A. N. Sheffield 2, L. M. Swift 2, Harry Northway 1, and Pres. White 1. We have lost during the past year 20 members, 4 resigned, 4 went out of business, 1 associate member was expelled for unbusinesslike conduct in his dealings with fellow members, and 11 were suspended for non-payment of dues by your Board of Directors. In addition to these, one of our members, Mr. Christian Breisch of Lansing, was taken from our midst by death during the past year. Our active membership as of July 15th stands at 124. Since that date your Secretary has secured two new members, one resident and one non-resident.

There is one thing that I have been unable to understand, and that is why it is necessary to send some of our members six or seven statements and sometimes personal letters, before I can get them to mail me their check for \$7.00 covering annual dues. When you stop to figure the benefits received annually in return for such a small investment, I would think that every member should feel it his duty to remit to your Secretary on receipt of the July statement.

This Association is yours, and it is your duty to co-operate in the work in every way pos-

sible. You can not only secure new members and thus increase our working capital, but you can give valuable suggestions from time to time to your president and secretary which can be used to improve our work and benefit our members.

I wonder if some of you realize the amount of correspondence which President White and I have handled the past twelve months. President White has written over one thousand letters, and your Secretary over fifteen hundred, besides preparing data for the seven Bulletins mailed you during the year. This is too much work for two members to handle, and I am frank in saying to you, gentlemen, that I would not care to accept the duties of Secretary and Treasurer for another year unless I have your assurance of closer co-operation.

If the Bulletins I have been sending you are not appreciated and are filed in the waste basket without being read, we had better discontinue their publication and use the money spent for printing and postage for other purposes.

We can just as well have 300 active members as 124, if you will all help and work with the new Membership Committee which will be appointed by the President-elect to serve during the coming year. In our state there are at the present time between 500 and 600 shippers of grain and hay, and I would like to suggest that district meetings be held during the months of September and October in the cities of Adrian, Battle Creek, Owosso, Alma, Saginaw and Port Huron, to which the shippers from the surrounding territory will be invited. Hold the meetings in the evening with a dinner at a nominal price, and let several of our present members attend, and following the dinner give short talks with the idea in mind of creating an interest in our Ass'n on the part of those in attendance who are not members. Various subjects of a local nature can be discussed and such meetings made very interesting, and an explanation of the work of our Association would undoubtedly secure several new members.

Undesirable Customers.—We are still compiling a list of undesirable customers, that is, dealers in grain and hay who have been found by our members to use unethical tactics in the conduct of their business. Whenever one of these fellows gives you a raw deal on one or more of your shipments, your Secretary would appreciate the details by letter, so that I can post our other members through the medium of our Bulletins, as we have been doing the past two years. Your Secretary is glad to act as an information bureau for all members, if they care to call him on the phone. If he hasn't the information in hand which you desire he will be glad to get it for you. Several of our members have phoned me the past year for market information, commercial standing of prospective customers, information regarding freight rates and routings, and various other matters on which they needed posting. This is one of the most important services which your membership provides, and you should all feel free to take advantage of it.

FINANCIAL STATEMENT.

RECEIPTS

Cash on deposit Aug. 12, 1925.....	\$309.01
Received from sale banquet tickets	
Adrian convention	144.00
Received from sale of directories past 12 months	4.00
Received from arbitration fees	30.00
Received from dues owing prior July 1st, 1924	35.00
Received from dues for 1924-25 paid since Aug. 12, 1924	443.50

DISBURSEMENTS.

Eastern Star Lodge of Adrian for serving banquet	\$125.00
Cigars purchased for banquet ..	10.50
Secretary's expenses, Adrian convention	26.85
President's expenses, Adrian convention	8.00
H. D. Jeffords, expense Directors' meeting, Lansing	12.31
F. E. McGunegle, expenses Directors' meeting, Lansing	14.70
A. P. Sandle's expenses from Columbus and return	41.96
H. R. White, expenses Directors' meeting, Lansing	7.90
Secretary's expenses, District meeting, Battle Creek	9.65
Paul George, expenses Rate meeting, Chicago	31.36
Annual premium on Treasurer's bond	7.00
Stamped envelopes and postage ..	58.60
Office supplies, files and typewriter ribbon	2.50
Telephone and telegraph expense ..	17.92
Refund to J. L. Dexter & Co. on arbitration decision	5.00
Refund to D. C. Bridgeman, overpayment of dues	3.00
Quality Print Shop, printing bills to July 1st, 1925	181.70
Secretary's salary, 11 months ..	382.65

	\$946.63	\$965.51
Cash on deposit July 15th, 1925...	18.88	
	\$965.51	\$965.51

Arbitration.—Your Association maintains an efficient Arbitration Committee of three members whose duty it is to render a fair and impartial verdict based on the evidence presented by the plaintiff and defendant in each case submitted to them. The cost of an arbitration is \$10.00 each for the plaintiff and defendant, and the one receiving the award of the Arbitration Committee after reviewing the evidence, is refunded \$5 of his deposit, thus making the net cost in each case \$15. Another reason I am bringing this part of our service to your attention at this time is that the new Federal Arbitration Act which was passed during the last session of Congress goes into effect Jan. 1st, 1926. This law makes enforceable in federal courts the awards of arbitrators. Many large business concerns are already drafting arbitration clauses for inclusion in their contracts; these must be properly drawn and a working knowledge of the new law is necessary.

COMMODORE DEXTER: I am wondering if you men really recognize the worth of this ass'n, and appreciate the work the officers are doing to keep it going. The ass'n is of benefit to each of you. There should be closer co-operation between the members and the officers. Let's back up the secretary, don't let him do all the work.

PRES. WHITE appointed the following committees: Resolutions: Chas. Quinn, Toledo, O.; Harry Gates, Jackson; A. M. Sheffield, Battle Creek.

Nominating: F. O. Downer, Saginaw; F. E. McGunegle, Snover; Guy Rowell, Yale.

Auditing: L. M. Swift, Lansing; H. B. Jeffords, Pt. Huron; John McAlester, Bancroft.

A. N. Sheffield as chairman of the Membership Committee said: I want to suggest that each member of the ass'n secure at least one new member. I have written numerous letters, but have had very little success in securing new members. All of us must get back of this ass'n if we want to make it the organization it should be.

L. M. SWIFT, Chairman of the Statistic Committee, read the following report: The wheat crop this year will be 12,579,000 bus. against 19,888,000 in 1924. Wheat is averaging 15 bus. to the acre. The 1925 crop will be near a normal crop. Last year we had a bumper crop. Some sections report a good crop and others are not so fortunate. Europe will have a good crop and must be reckoned with. Russia is exporting.

We will have a 59% crop of oats, the crop, however, has been improved by recent rains. We should have 38,997,000 bus.; this is the smallest crop since 1921.

The rye crop is short, with the possible exception of Rosen Rye.

Pres. White: Regardless of the short crop of rye, we should not neglect the opportunity of telling the world about the excellent quality of Michigan rye.

SECY HUBBARD, in the absence of Paul George, read the report of the Transportation Committee and the Traffic Manager's report:

Transportation.

Take all in all the service given by the railroads throughout the country has been very satisfactory during the past twelve months. Cars were supplied promptly and were handled with good dispatch to practically all parts of the country. This, in my opinion, was due to the efforts of the Regional Advisory Boards, which have been established throughout the country, and I would ask that all members of the ass'n give the Board all the co-operation and information they request from time to time in order to carry on this work of distributing cars, as it will be a great help to shippers. With proper car distribution there should be no car shortage this fall, and this will be one step in helping your business.

The rate situation is still unsettled insofar as rates into the Carolinas are concerned. The Michigan Zone case has been decided favorably to the shippers as the committee has ordered that after Sept. 10 the zones should be eliminated north of the line Saginaw to Muskegon, and this will reduce rates on hay from that territory when making up over Cincinnati and Columbus or Louisville as the zone differential will be deducted from the rate now in effect.

Another rate case in which our ass'n is very much interested is covered in 100 Docket No. 15879, or the Eastern classification rate, which proposes to readjust the group basis, based on Chicago and New York rate, but the railroads

are also endeavoring to add approximately 15% to the present rates through this adjustment which will cost the state of Michigan several million dollars in additional freight rates. The 5th class rate, which covers our hay shipments, will not figure very extensively in the increase as the 5th class rate remains practically the same as at present, although the base point, Augusta, Brunswick and Bangor, Maine, which takes in very many central points, will be increased materially.

The ass'n should use its influence and do everything possible to prevent these increases from going into effect, as an adjustment should be made without increasing freight charges.

REPORT OF J. H. WELKER, Jackson, Traffic Manager: I have met with a little success in adjusting a few of our difficulties, one among them being an increase of 5 to 7½ cents in our competitive rate and in securing a rate of temporary character lowering our rate to Virginia cities for beyond, 5 cents per cwt. I am now endeavoring to have the present rate extended to Dec. 31.

I have had considerable trouble getting our formal complaint before the commission, but am glad to advise that it is now before the commission in such a form that it should be acceptable to them and there is no doubt in my mind that just as soon as we can get a hearing the present discrepancy will be eliminated and we of Michigan will enjoy a rate which will be on a parity with our eastern shippers. I do not promise that our rates will be reduced, neither can I say that the eastern rates will be increased, but am firmly of the opinion that the rates will be equalized.

Charles S. Clark, Chicago, addressed the dealers on "The Advantages of Friendly Relations."

RALPH A. HAYNE, Chicago, in his address on "Alfalfa" called attention to the advantages of this crop over other forage crops, as a soil improver, as a profit producer and as a stock food.

Sec'y Hubbard: When should the first crop of alfalfa be cut in order to get away from the woody effect?

Mr. Hayne: You can't get entirely away from the woody effect, but I would say that the first crop should be cut when it is about one-tenth in bloom.

Adjourned for luncheon.

Monday Afternoon Session.

The afternoon session was called to order by Pres. White. Bill Cummings, who "cum" from Toledo, led the convention in song.

FRANK J. DELANY, Chicago, repeated in part his splendid address before the Ohio and Indiana ass'ns, which was published in the Grain Dealers Journal for July 25, page 108. Mr. Delany supplemented his address by a few words on the Grain Marketing Corp., explaining that when it started business it possessed all the requirements of a successful business, capable management, sufficient capital and ample physical facilities, but as he stated, the farmers did not support it, they were not convinced that it was what they needed, and that they were not interested in terminal market businesses.

At the request of Mr. Sheffield, Mr. Delany explained briefly trading in privileges, showing in a very clear and interesting manner that privilege trading is an insurance or an indemnity after the close of the market and that the range in privileges is almost identical with the movement of the market the day before.

In answer to Mr. Quinn's query relative to the Capper-Tincher law, Mr. Delany said: We need not fear any legislation that will prevent short selling. The Capper-Tincher law has not served any good purpose; in fact, it has served a bad purpose.

H. C. King, Battle Creek: Do you think this agitation was brought about by the farmer?

Mr. Delany: Co-operative grain handling was born out of a real necessity. It was born in a poor section, and was brought about by the robbing done by the independent elevators. This agitation originated with the county agent. The county agent thinks he is an authority on all things. He has led the farmer into

many bad errors. His superiors in Washington take their cue from the county agent. They are long on language and short on performance, however, they must maintain themselves in these easy jobs.

A. G. Jones, Brandon, Vt.: I have been informed that the Farm Bureau was organized because the farmer needed representation in Washington.

Mr. Delany's story of the agricultural college graduate seeking a job as a county agent caused considerable laughter and proved conclusively that the county agent has his constituents "sold" on his importance.

PROF. J. F. COX, of the Michigan Agricultural College, read a paper on "Maintaining Quality Seed in Michigan."

WALTER L. MITCHELL, New Haven, Conn., read a paper containing many useful suggestions to the shipper of hay from which the following is taken:

Practical Suggestions for Hay Shippers.

Some of the unnecessary and appalling losses from shipping grain damaged or other low grade hay to the markets can be prevented. The grower or farmer must realize on his hay crop, damaged or otherwise. He needs the money. It should not, however, be shipped as hay and forced upon a trade that does not want it.

The demand is increasing for the legumes, clover and alfalfa showing from 2½ to 3 times the available feeding value of timothy hay. This class of hay is also better to feed at home. It improves the land rather than otherwise, compared with timothy hay. That this has been the practice there is no dispute or argument regarding its advantages.

This year in particular the outlook is for a large percent of discolored and rain damaged hay. Keep it home and figure out some way to feed it, and in many cases it can be made to net more than the best hay sold to shippers.

I would recommend the sampling of certain grades of feeding hay, owing to the fact that shippers and buyers in remote sections don't alike comprehend the meaning of description by words. Grading on the best timothy is reasonably well understood. On the mixed hay far from it, and much misunderstanding is existing. Many lots of mixed hay containing grasses and clover of different mixtures are very desirable feeding grades. What a buyer in the east wants is to know what he is going to get. A sample honestly and intelligently made solves the problem.

A very important feature of the hay business should be an established uniform manner of describing hay. This should include the Color, Texture, and Per Cent of Mixtures, and described in this order, and a uniform understanding of the phrases used in describing each feature. The buyer of a carload of hay wants to know what he is getting. Often it is an important investment and he is entitled to know, but at present there is no adequate means of satisfactorily showing him in advance of the arrival of his car of hay.

L. P. DENDEL of the Michigan Millers Fire Ins. Co., read a paper on "Fire" which is published elsewhere in this number. Mr. Denzel made an interesting demonstration of the action of lightning, using a static machine to demonstrate the action of lightning and to prove the efficiency of lightning rods.

C. QUINN, sec'y Grain Dealers Nat'l Ass'n talked on legislative tendencies and the policy of the national ass'n toward co-operative marketing ass'ns. Government assistance for co-operative companies will not insure their success. Each business enterprise must depend upon individual initiative for its permanent promotion.

W. E. MURPHY, Philadelphia, ass't sec'y Horse Ass'n: I am wondering if members of this ass'n have given thought to the fact that the horse is being legislated off the streets of

the cities. Just as soon as one large city legislates the horse off its streets, the fact will be broadcasted throughout the country, and your business will naturally be seriously affected. The fact that the city of Philadelphia has returned to the use of the horse by its various departments is positive proof of the economy of the horse compared with trucks.

Chas. Quinn read the following resolutions which were adopted:

Resolutions.

RESOLVED, That we are unalterably opposed to the passage by Congress of any legislation designed to subsidize from the Federal Treasury the co-operative movement among farmers. We are not opposed to the principle of co-operation, if it is supported and fostered by the farmers themselves. But we are strenuously opposed to any attempt of farm leaders to promote through subsidy that which in its last analysis must stand the test of economic service and efficiency.

Opposed to Government in Business.

RESOLVED, That we are opposed to any national legislation which has for its object the entrance of the Government into private business. All such measures as the McNary-Haugen bill, which aim to dispose of the surpluses of farm produce through Government agencies, are in conflict with the principle of private initiative upon which this Government was founded.

Ask Return of Privilege Trading.

RESOLVED, That our Secretary be instructed to mail to the Secretary of Agriculture and our Michigan Senators and Representatives resolutions favoring amendments to the Capper-Tincher bill, permitting the re-establishing of privilege trading in recognized primary grain markets, believing this to be the most reasonable and sensible solution of eliminating the wide, daily fluctuations in the grain markets. Past experience has taught us that privilege trading is a vital necessity in our marketing machinery; therefore our appeal for its re-establishment.

The report of the nominating committee naming the following officers was adopted: Pres. A. J. Goulet, Midland; 1st V. Pres., E. Bueschlen, Unionville; 2d V. Pres., H. Frutchey, Saginaw; Directors for two years, John McAlester, Bancroft; W. J. Biles, Saginaw; one year, H. R. White, Scotts.

Adjourned *sine die*.

The Banquet.

In the evening the visitors and their ladies gathered in the dining hall of the Tuller Hotel and after singing again led by Bill Cummings and the asking of the blessing, a very satisfying banquet was served.

Toastmaster Dexter introduced Dr. Russell H. Brady, D. D., Detroit, who addressed those present on "Just Square with the World." Dr. Brady's well chosen words brought home in a very forceful manner the value of being square with the world. His address was intermingled with humorous stories, which added merriment to the occasion.

After the banquet many of the dealers took advantage of the moonlight excursions on the river.

Not a few heeded the Corporation Counsel's advice and visited Windsor, and reported favorably on the 4.4.

Convention Notes.

Geo. S. Bridge represented Chicago. A. G. Jones came from Brandon, Vt. James W. Dye represented St. Louis. Auburn, N. Y., was represented by W. H. Dean.

Geo. E. Rogers and H. G. Morgan represented Pittsburgh.

S. L. Rice, Metamora, O., was on hand, renewing acquaintance.

Henry A. Bascom, Boston, and E. H. Day, Fitchburg, represented Massachusetts.

Supply trade representatives present included G. B. Cavert, Ellwood City, Pa., and G. J. Fuller, Springfield, O.

The ladies present included Mrs. J. Welker; Mrs. Geo. E. Rogers; Mrs. S. O. Downer; Mrs. S. L. Rice; Mrs. E. C. Forrest.

Many of the visitors took the early morning boat Tuesday, for Cedar Point, O., to attend the meeting of the National Hay Ass'n.

Virginia was represented by: W. H. Bullard, Lynchburg; M. L. Bowdin, Suffolk; H. G.

Spencer, Richmond; M. D. Kendrick, Suffolk; W. D. Saunders, Richmond.

Toledo was represented by Bill Cummings, J. F. Zahm & Co.; Kent Keilholtz and Joe Doering, Southworth & Co.; R. Burge and A. C. Russell, S. W. Flower & Co.

Registration was in charge of Miss Dorothy Hubbard, the charming daughter of the sec'y. Identification badges were supplied by the Grain Dealers' Nat'l Mutual Fire Ins. Co.

Michigan dealers present included: D. R. Agin, Battle Creek; E. H. Bueschlen, Unionville; W. Coverdale, Almont; S. O. Downer and E. C. Forrest, Saginaw; F. J. and E. J. Flynn, Gladwin; H. D. Gates, Jackson; Richard Hoerling, Richville.

R. V. Judson, Durant; H. C. King, Battle Creek; J. H. Logan, Lansing; C. A. Miller, Adrian; C. E. Noyes, Jackson; F. E. Nowlin, Albion; Harry Northway, Owosso; Guy Rowell, Yale; L. M. Swift, Lansing; L. Steele, Inlay City; Don Soule, Lansing; A. N. Sheffield, Battle Creek; J. Welker, Jackson.

Adulterations and Misbranding.

Terrell Oil & Refining Co., Terrell, Tex., misbranded a quantity of cottonseed meal shipped into Minnesota, according to allegations made by the federal government in imposing a \$100 fine Feb. 12, 1925, because of a deficiency in labeled protein content.

Buckeye Cotton Oil Co., Memphis, Tenn., transported into Massachusetts a quantity of cottonseed meal alleged adulterated and misbranded by the federal government Sept. 23, 1924, in fining them \$100. Excessive crude fiber and deficient protein content was found.

Buckeye Cotton Oil Co., Memphis, Tenn., was charged with misbranding 1,400 sacks of cottonseed meal sent to Duplo, Ill., about Jan. 8, 1925. The labeling was false, misleading and deceiving, according to the federal government in imposing costs of the proceedings and ordering the execution of a \$4,500 bond.

S. Zorn & Co., Louisville, Ky., misbranded and adulterated 270 sacks of bleached grain transported into Georgia, according to the federal government May 21, 1924. Screenings were substituted, and further the article was marked "mixed oats." Costs of the proceedings and the execution of a \$1,000 bond was ordered.

Consolidated Cottonseed Operating Co., Dallas, Tex., sent a quantity of misbranded cottonseed meal into Ohio, according to the allegations of the federal government Jan. 5, 1925, in imposing a \$100 fine. The sacks each fell 3½ lbs. short of branded weight (by volume), further, the weight was not conspicuously marked.

McDaniel Mfg. Co., Carthage, Mo., was alleged to have shipped 110 sacks of misbranded mill run wheat mixed feed into Kansas, by the federal government Sept. 22, 1924. (No mark, brand, or label showing the net weight of the product was found.) The costs of the proceedings were imposed and the execution of a \$500 bond ordered.

Western Feed Manufacturers, Inc., Chicago, Ill., on Feb. 10, 1925, were charged with adulteration and with misbranding of various consignments of feed shipped into Maryland and Indiana and a fine of \$250 imposed by the federal government. Screenings consisting of clover seeds and weed seeds had been substituted, further, the labeling was deficient and also misleading.

Wilmington Oil & Fertilizer Co., Wilmington, N. C., according to the federal government, shipped to Shocks Mills, Pa., 150 sacks of cottonseed meal which did not comply with its labeled analysis and was therefore considered misbranded. Costs and the execution of a \$600 bond were imposed Apr. 22, 1925, conditioned in part that the article be relabeled under the supervision of the department.

J. W. Berenger, New Orleans, La., sent a cargo of 543 bags of rice to San Juan, Porto Rico, consisting in whole or in part of a filthy, putrid, or decomposed vegetable substance. Misbranding was alleged for the reason that the label bore the statement, "100 lbs. when packed," which was false and misleading, etc., since the statement made was not correct. Condemnation and forfeiture decree was entered; however, claimant tendered \$3,000 bond and the product was released upon payment of costs, conditioned that the product not be used for human consumption.

Feedstuffs

Howard, Pa.—W. H. Long has discontinued his feed business.

Newton, Kan.—S. R. Sanner has built a feed mill at a cost of \$20,000.

Bloomington, Wis.—A feed mill building is under construction for Albert Biemer.

Medford, Wis.—A 40x70 ft. feed warehouse is under construction for E. Lindow & Co.

Blytheville, Ark.—The Oberst Feed Co. just filed articles of incorporation.—P. J. P.

Parkin, Ark.—W. C. Kernodle has opened a wholesale feed establishment here.—P. J. P.

Ennis, Tex.—The Sparks Fuel & Feed Co.'s plant suffered a slight fire loss recently.

Starkville, Miss.—Clarence Pierce just opened his recently completed feed mill.—P. J. P.

Nashville, Tenn.—J. W. Quinn & Son suffered a \$2,000 fire loss to their feed stores recently.

Dayton, Tenn.—The Farmers Mlg. Co. has enlarged its facilities to include a feed milling dept.

Portland, Tenn.—D. T. and E. W. Rhodes suffered \$3,000 fire loss on their feed mill recently.

Watertown, Tenn.—The Donnell Mlg. Co. has embarked in the business of manufacturing corn meal and feed.

Battle Creek, Mich.—A. K. Zinn & Co. are installing new machinery and doubling capacity for producing dairy feeds.

Biloxi, Miss.—The Mississippi Cotton Seed Crushers' Ass'n met here earlier last month for their 14th annual convention.

Chehalis, Wash.—Improvements are being made on the Pollom warehouse which is now under lease to the Thompson Feed Co.

Bellingham, Wash.—Right to dissolve and disincorporate on petition of the stockholders was granted the Poultry Feed Ass'n.

Lockport, N. Y.—Wm. E. Wicker, 84, engaged in the feed business here for over three decades, died after a prolonged sickness.

Auburn, Wash.—J. C. Waggoner again embarked in the grain, feed and hay business as of Aug. 1 in a new large cement warehouse.

Columbus, Pa.—It is expected that the Putman & Parker feed mill, which burned here July 20 with a loss of \$90,000, will be rebuilt.

Chicago, Ill.—The newly organized Puritan Mills has just taken over the property of the Western Feed Mfgs., Inc., which failed in June.

Silver Creek, N. Y.—Robbers took currency and checks from the Hubert Bros. feed mill office July 21 while the force was lunching.

Painesville, O.—J. H. and C. J. Brown, John H. Murray and Martin Parrish incorporated the Nickel Plate Mlg. & Feed Co. for \$100,000.

Feed Movement in July.

Receipts and shipments of feedstuffs at the various markets during July, as compared with July 1924, were as follows:

	Receipts		Shipments	
	1925	1924	1925	1924
Baltimore, tons	1,589	1,533		
Chicago, tons.	14,906	13,219	46,972	49,275
Milwaukee, tns.	4,327	5,430	10,451	21,575
New York, tons	490		*6,000	

*Lbs.

Buffalo, N. Y.—The wholesale feed jobbing quarters occupied by Berend J. Burns are now located in the Chamber of Commerce building.

Cincinnati, N. Y.—The Grange League Federation opened another branch here recently. It operates at Honesdale, Pa., Ithaca and Afton, N. Y., also.

Taylor, Tex.—The Tip Top Mlg. Co.'s feed milling properties are being moved to Oklahoma City, Okla., having been purchased by machinery interests.

Chicago, Ill.—Chas. A. Knight, formerly with the Knight Brokerage Co. of Kansas City, has opened a feed brokerage office here. The former office is closed.

Denton, Tex.—Fire damaged the plant and stocks of the Farmers Mill & Feed Co. to the extent of an insured \$5,000.—W. A. Purnell is the owner.—P. J. P.

Coeur d'Alene, Ida.—The Big Bend Feed Co. suffered the loss of a warehouse thru fire recently. Insurance was carried on the stock, tho only \$1,000 was held on the building.

Buffalo, N. Y.—E. H. Elmore was killed in an automobile accident at Middletown recently. He was the eastern New York representative of Wilson Bros., jobbers of feed, etc.

Los Angeles, Cal.—Clarke H. Bradshaw is now engaged in the brokerage business, dealing in grains, feeds, etc. He was sec'y of the state feed dealers ass'n for the past two years.

Cincinnati, O.—The partnership of H. W. Howard & Co., feed jobbers, etc., was recently dissolved and the business is now being operated by Mr. Howard alone. Tom Crooks withdrew.

Owensmouth, Cal.—Fire did \$10,000 damage to the 40x150 ft. structure of the Fernando Valley Feed & Fuel Co. H. G. Zorn is mgr. Insurance was carried so it is that they will rebuild at once.

Louisville, Kan.—E. A. Ward of Wamego now owns the Louisville Flavo mill. Feed grinding machinery is being installed and the plant is being overhauled, as well as remodeled to accommodate the new machinery.

Payette, Ida.—C. H. Bowman recently purchased the "old feed mill" and has overhauled it. Earl Christian is the mgr. in charge of the production of stock and chick feeds and table cereals which the plant will manufacture.

Cadott, Wis.—E. J. Crane is going to erect a 50x60 ft. feed warehouse, to be ready for business by Sept. 1. He now operates a warehouse at Stanley, an elvtr. and feed mill at both Chippewa Falls and Owen, and an elvtr. at Abbottsford.

Lawrenceburg, Ind.—The Transit Mlg. Co.'s remodeled feed plant is now operating at full capacity. The offices and large warehouse are located at Cincinnati. Poultry and cow feeds are a specialty. New departmental executives now reign.

Memphis, Tenn.—National Cottonseed Products Corp. paid \$1,250,000 for the Phoenix Cotton Oil Co.'s properties, which include 25 or more gins and oil mills in Tennessee and Arkansas and the Phoenix refining plant here.—P. J. P.

Lexington, Ky.—New rules and standards for mixed feeds and various feedingsstuffs went into effect in this state July 15. Those shipping feed into the state must likewise conform. Dr. J. D. Turner, University of Ky., located here, is advising interested parties.

Columbia, Tenn.—John B. Ashton, prop. of the Columbia Feed Mill, has begun the erection of a 70x110 ft. two-story iron-clad warehouse adjoining his present plant for the purpose of housing a model feed mill. Hog, poultry, horse and chick feeds will be manufactured.

Ft. Smith, Ark.—Arkoma Mlg. & Storage Co. purchased the Western Grain Co.'s mill and elvtr. and will utilize these facilities in manufacturing feed. J. C. Bond and associates head the new project. The mill is undergoing an overhauling and will again be in operation shortly.

Mattoon, Ill.—The J. S. Ashbrook Co. has been reorganized and incorporated under the name of the Ashbrook Mlg. Co. The mill and elvtr. has been enlarged and improved so it now has a capacity for 60,000 bus. of bulk grain and can manufacture 6 cars of feed daily. The officers are J. G. Sackmann, pres.-mgr.; Lee L. Heines, v.-pres.; and O. L. Storm, sec'y.—J. G. Sackmann.

New Feed Trade Marks.

New Orleans, La.—J. T. Gibbons, Incorporated, filed trademark Ser. No. 214,593, descriptive of dairy feed. The insignia consists of a dairymaid milking a cow with the banner bearing the word "Gibb milk" diagonally piercing the sketch.

Maritime Mlg. Co., Inc., New York, N. Y., filed trademark Ser. No. 208,816, descriptive of poultry and stock feed. The mark consists of a bull standing on a patch of grass between the taller letters which his head and rump pierce, viz, "B" and "B." Above the etching appear the words "Bull Brand."

Soy Bean Oil Meal Merits More Use as Poultry Feed.

With the rapid expansion of soy bean culture in the corn belt states farmers of that region have at their disposal a new poultry feed which could well be used to much greater extent than is being done at present, says the U. S. Depart. of Agri. Poultrymen in the Pacific Coast states have used soy bean oil meal for several years and consider it a most excellent feed for growth and egg production.

At the North Carolina experiment station it was found that when fed in equal quantities with wheat shorts and cracked corn mixed with sweet milk soy bean oil meal proved to be a most valuable feed and one to be recommended as a good ration for feeding to little chicks. One lot of chicks on soy bean oil meal averaged 1.4 pounds when eight weeks old. From these tests it was concluded that the soy bean oil meal could replace rolled oats in chick feeding.

Another series of experiments showed that soy bean oil meal with a suitable mineral mixture is a better supplement to corn meal than meat scraps and is nearly as good as condensed buttermilk when fed to chickens for short-time intensive feeding periods. A simple mineral mixture composed of bone ash, limestone and salt was used. To be most effective, the amount of mineral mixture to be added should be about 2 per cent of the ration.

Exports of Feedstuffs.

Exports of feedstuffs during June, compared with June 1924, and for 12 months ending June 30, are reported by the Bureau of Foreign and Domestic Commerce as follows:

	1925	June 1924	12 mos. ending June, 1925	1924
Cottonseed				
Cake, lbs.	30,478,700	16,757,780	593,663,417	200,927,154
Linsed				
Cake, lbs.	42,364,493	67,618,292	671,460,032	546,847,552
Other Oil				
Cake, lbs.	1,308,225	680	15,249,978	1,291,612
Cottonseed				
Meal, lbs.	2,109,400	1,687,610	291,711,396	49,439,121
Linsed				
Meal, lbs.	733,481	2,417,268	19,606,051	13,266,487
Other Oil				
Cake Meal, lbs.	201,750	477,355	25,581,764	5,322,296
Bran and Middlings, tons				
Screenings, lbs.	208	81	3,922	1,990
Other Mill				
Feeds, tns.	578,400	418,500	8,436,831	12,664,476
Prepared				
Feeds, not Medicinal, lbs.	929	322	21,657	9,342
	2,870,808	1,225,562	31,888,062	17,364,420

Grain Trade News

Reports of new firms, changes, deaths, casualties and failures; new elevators, new flour mills, improvements, fires and accidents are welcome. Let us hear from you.

ARKANSAS

Fort Smith, Ark.—The Arkoma Mlg. & Storage Co. has taken over the mill and elvtr. of the Western Grain Co.

CALIFORNIA

San Francisco, Cal.—W. L. Beady will enter into the grain business here. He recently resigned as grain buyer for the Sperry Flour Co.

Los Angeles, Cal.—D. J. Smalley, formerly with the Pond Creek Mlg. Co. at Oklahoma City, contemplates entering in the grain business here.

Hollister, Cal.—The name of the Lathrop Hay Co. has been changed to Lathrop Hay & Grain Co. The firm recently took over the Hollister Warehouse Co.

Los Angeles, Cal.—The Nichols Grain & Mlg. Co. has equipped its plant with the most modern machinery obtainable to enable it to handle a \$20,000,000 business annually.

Mexicali, Cal.—Work on the new mill being constructed by the Mexicali Flour Mill is progressing satisfactorily and the plant is to begin operation Sept. 1. It will have a 50 bbl. per day capacity. The owners have incorporated for \$40,000.

Lincoln, Cal.—The Lincoln Farm Bureau Co-op. Elvtr. addition to its elvtr has just been completed which increases its storage capacity by 85,000 bus., giving it a total storage of 145,000 bus. A triple platform was installed and considerable new machinery.

San Francisco, Cal.—The California Wharf & Warehouse Co. and Balfour, Guthrie & Co. have filed claims for damages against the Great Western Power Co. for warehouse and grain lost by fire for \$902,000. Plaintiffs charge that defendant's negligence of handling power was cause of fire. The fire was on Sept. 13, 1924.

Los Angeles, Cal.—Clarke H. Bradshaw, sec'y of the Feed & Fuel Dealers Ass'n, opened an office here to do a general brokerage business in all grains, feed and supplies. He has been identified with the grain trade of southern California for twelve years, being mgr. of the grain department of Albers Mlg. Co. for a number of years preceding his association with the Feed & Fuel Dealers Ass'n.

San Francisco, Cal.—G. W. McNear and J. A. McNear, joint owners of G. W. McNear Inc., have segregated their interests in that corporation, G. W. McNear taking over the oil and merchandise departments, and J. A. McNear taking the grain business, which will be conducted in the same office and under the same management as previously, but under the name of "J. A. McNear Co.," of which J. A. McNear is sole owner, Mr. E. H. Berry being manager of local end as heretofore.—J. A. McNear of J. A. McNear Co.

CANADA

Winnipeg, Man.—The Saskatchewan wheat pool has opened a local office.

Durham, Ont.—The John McGowan 60-bbl. flour mill was burned here on July 27. Loss near \$40,000, with \$20,000 insurance.

Vancouver, B. C.—The Banner Grain Co., Ltd., of Edmonton has opened offices here under the management of A. P. S. McLean.

Fort William, Ont.—The addition to Elvtr. "O" of N. M. Paterson & Co. is completed, giving the plant a total capacity of 1,500,000 bus.

Winnipeg, Man.—Jack Allen, who for some time has been associated with the Occident Elvtr. Co. at Duluth, is a new member of the Randall, Gee, Mitchell Co. here.

Brandon, Man.—The Maple Leaf Mlg. Co. will probably cease operation this month, the plant perhaps being closed permanently. The mill has a capacity of 500 bbls. per day.

Prince Rupert, B. C.—The new government elvtr. now under construction here will be ready for operation by November. The new plant is expected to prove an important factor in exporting prairie grown grain via the Pacific coast.

New Westminster, B. C.—The Brackman-Ker Mlg. Co. will build an extension to its elvtr. capacity at a cost of \$50,000, the work to begin immediately. The addition will be for export trade with the Orient. The contract has been awarded.

Montreal, Que.—The new Canadian grain act went into effect on July 29. There are various changes regarding the operation of elvtrs. and in the weighing and grading of grain, also the government is given full power to put all terminal elvtrs. under one commission.

Victoria, B. C.—J. A. Mooney, pres. of the Panama Pacific Grain Terminals, Ltd., completed negotiations with the Canadian Government for the lease of a portion of one of the piers at Ogden Point. On the site this company will erect and operate a grain elvtr. with a capacity of 2,500,000 bus. which will be used for the British trade.

COLORADO

Arapahoe, Colo.—The plants of the Summit Grain Co. here and at Cheyenne Wells have been equipped with lightning rods.

Holly, Colo.—On account of the drought and no crops this year, the Holly Co-op. Equity Co. will close its elvtr. here until July, 1926.—M. W. Spence.

Arriba, Colo.—The new elvtr. for the Fred Mosher Grain Co. is completed, replacing the one lately lost by fire. New house has capacity of 16,000 bus., is ironclad and electrically equipped thruout. Its motors are Fairbanks-Morse totally enclosed type. Fairbanks Automatic Scale, Kewanee Air Lift Dump and Great Western machinery. A. F. Roberts had the contract.

Wray, Colo.—Members of the Colorado Grain Dealers Ass'n are conducting a rigorous campaign for new members so that the Ass'n will have ample funds and a strong membership to defend members from the ridiculous suits being brot against them by the Wheat Pool. However, Sec'y G. W. Roller is anxious to add the names of some more live dealers to the membership roll.

The Colorado Wheat Growers Ass'n has filed several suits against operators of grain elevators in that state charging them with purchasing wheat from members of the pool and making derogatory remarks against the pool, but none of the charges have been substantiated in the courts and the Grain Dealers Ass'n has employed counsel to defend members. Every elevator operator should join quickly and pay up his dues so the Ass'n will have funds to fight with. Do not procrastinate; write Sec'y G. W. Roller of Wray today.

IDAHO

Idaho Falls, Ida.—Mail directed to the agt. of the Sperry Flour Co. is unclaimed.

Wendell, Ida.—The Eaton Bros.' recently completed elvtr. is in charge of O. M. B. McCoy and will be used for cleaning grain and seed.

Rexburg, Ida.—The Rexburg Flour Mill has incorporated; capital stock, \$50,000; incorporators, C. B. Shoemaker, Henry C. Ehrlich and G. L. Taylor.

Moscow, Ida.—Lyman K. Whittier has purchased the old Pacific Coast Elvtr. Co.'s warehouse here and is putting it in condition to receive grain. The house is one of the largest in this district and for the past eight years has been operated by the Mark P. Miller Mlg. Co. Mr. Whittier will operate as an independent warehouse.

ILLINOIS

Manteno, Ill.—The Farmers Elvtr. Co.'s elvtr. "A" is being repainted.

Plainfield, Ill.—The Plainfield Grain Co. has repaired all of its buildings.

Woodson, Ill.—The Woodson Farmers Elvtr. Co. has repaired its buildings.

Irving, Ill.—The Irving Co-op. Equity Exchange will build new coal sheds.

Virden, Ill.—The Virden Grain Co. has just finished repairing its elevator plant.

Illipolis, Ill.—The Illipolis Farmers Co-op. Co. has painted the roof of its elvtr.

Lowder, Ill.—The Farmers Elvtr. Co. contemplates putting in a stock of lumber.

Heyworth, Ill.—The Hasenwinkle-Scholer Co., Inc., plans to erect a 10,000-bu. corncrib.

Trilla, Ill.—The Trilla Elvtr. Co. is out of business. The plant was destroyed by fire in April.

Lake City, Ill.—The Lake City Farmers Co-op. & Merc. Co. has overhauled its 20-h.p. gasoline engine.

Stewart, Ill.—A. C. Rapp is the new mgr. of the Stewart Grain & Lumber Co., succeeding J. R. Adkins.

Elwin, Ill.—The Elwin Farmers Elvtr. Co. has repaired its elvtr. This company plans to handle lumber.

Brighton, Ill.—The Brighton Farmers Co-op. Elvtr. Co. is planning to build a new store-room, 50x80 ft.

Columbia, Ill.—The Columbia Star Mills, which failed several months ago, has been sold at receiver's sale.

Towanda, Ill.—Oren Clark's position as manager of the Towanda Grain Co., Co-op., is now filled by E. B. Gatloff.

Rosemond, Ill.—The Rosemond Farmers Co-op. Ass'n has rebuilt its storehouse which was recently destroyed by fire.

Chatham, Ill.—Geo. W. Rohrer is now manager of the Chatham Elvtr. Co. A. O. Waddle was the former manager.

Woodland, Ill.—J. L. Curtis is now manager of the Farmers Co-op. Elvtr. Co. The former manager was P. L. Jarvis.

Curtis, Ill.—We expect to install a new 10-ton Howe Scale in our 27,000-bu. elvtr. here in the near future.—C. W. Hatch.

Canton, Ill.—Geo. Morrow's position as manager of the Farmers Co-op. Grain & Supply Co. is now filled by W. E. Nagle.

Clinton, Ill.—The DeWitt Co-op. Grain Co. has built an addition to its office and installed a new 10-ton auto truck scale.

Bentley, Ill.—George R. Fecht is the new manager of the Bentley Farmers Elvtr. Co. Chas. O. Mechum was manager.

Big Rock, Ill.—S. D. Abbot is the new manager of the Big Rock Farmers Co-op. Elvtr. Co. A. R. Jones was the former manager.

Dry Grove, Ill.—S. M. Elkins is now manager of the Dry Grove Farmers Grain Co., filling the position formerly occupied by W. A. Farblo.

Rugby, Ill.—The Pontiac Grain Co. is preparing to receive grain into its new elvtr. The old building was razed. Geo. Saathoff did the work.

Disco (La Harpe p. o.), Ill.—The Disco elvtr. has been re-opened and is in operation. This plant was formerly operated by the late A. C. Garrett.

Farmer City, Ill.—Louis Shreves is the present manager of the Farmer City Grain Co. The position was formerly occupied by E. C. Murphy.

Ridge Farm, Ill.—The position as manager of the Ridge Farm Co-op. Grain Co. is now filled by H. T. Morrow. J. C. Jones was the former manager.

Victoria, Ill.—A. S. Ward is the present manager of the Victoria Farmers Elvtr. Co., occupying the position formerly held by C. T. Sornberger.

Lake Fork, Ill.—I resigned as manager of Lake Fork Co-op. Elvtr. Co., to become effective Sept. 1. John Colvin will be my successor.—G. F. Scott.

Buckley, Ill.—We sold our elvtr. plant and business to the Buckley Farmers Grain Co. This territory is too small to operate two separate elvtrs. The new owners now operate all the elvtrs. here.—Wm. Kaufman, mgr., Wm. Kaufman Co.

Millersville, Ill.—The big elvtr. under construction here by J. J. Connerly and Earl Waddle replaces two lost by fire here nearly five years ago.

South Ottawa (Ottawa p. o.), Ill.—O. D. Center is the present manager of the South Ottawa Elvtr. Co., filling the position formerly occupied by F. J. Lindsay.

Havana, Ill.—We installed a new 10-ton Fairbanks Truck Scale in our plant shortly before the season opened.—O. R. Wissman, mgr., Turner-Hudnut Co.

Iroquois, Ill.—The Iroquois Farmers Elvtr. Co. has repaired and remodeled its elvtr. building so as to be ready for the new grain crop. All buildings have been painted.

Sadorus, Ill.—The Sadorus Co-op. Elvtr. Co. is installing a new auto truck dump and a Bernert Grain Blower and conditioner. A 20-h.p. electric motor was recently installed.

Princeton, Ill.—The E. W. Hopkins Grain Co., a new firm, has taken over the Spaulding elvtr. E. W. Hopkins will manage the plant. They will deal in grain, coal and building materials.

Quincy, Ill.—The Knollenberg Mfg. Co. plant has been completely remodeled and new equipment has been installed and will shortly resume operation with greatly increased capacity.

Gays, Ill.—F. L. Wilson's 3-story mill bldg. and equipment were destroyed by fire recently entailing a loss of something like \$6,000 with only \$3,500 insurance. The building was iron-clad.

Dixon, Ill.—Fire recently destroyed the old mill and elvtr. plant here which had been leased by the Prescott Oil Co. Total loss of building with contents estimated \$5,000; no insurance.

Galton, Ill.—The Collins Grain Co. of Tuscola, which since last fall has owned the Frank Dehart elvtr., has had the plant generally overhauled and improved and has it now in full operation.

Sharpsburg, Ill.—On July 18th the engine room of the Farmers Co. caught fire and the elvtr. would doubtless have been a total loss but for the prompt and efficient use of the fire extinguisher by Mgr. E. G. Smith.

Paw Paw, Ill.—John W. Banks of Compton is now established in the grain and coal business here, having taken charge of the elvtr. formerly owned by Warner & Guffin. He has made extensive repairs including a new set of scales.

Decatur, Ill.—C. W. Brewer, formerly with E. W. Bailey Co., is now associated with the A. E. Staley Mfg. Co. and has with Bert Muthersbaugh taken charge of the futures business of the Staley concern.—J. C. Hight, mgr., grain dept., A. E. Staley Mfg. Co.

Taylorville, Ill.—John J. Murphy will manage the 200,000-bu. concrete elvtr. and 200-bbl. per day mill of the Illinois Mfg. & Elvtr. Co. which was recently bot of the McKenzie Mfg. Co., since dissolved. The headquarters of the former firm are at Springfield. M. J. Riedel is pres.

Macomb, Ill.—The Farmers Grain, Fuel & Supply Co. stockholders at a recent meeting agreed to build a new elvtr. within a year. The present plant was built forty years ago. The new plant will be of frame, metal covered, and erected on a site the company recently bot which is opposite the location of the present plant.

Mason City, Ill.—The 25,000-bu. ironclad elvtr. of J. A. McCreery & Sons on the C. & A. has been leased by Dr. C. W. Cargill who took possession on July 16. The plant has been idle for some time but I am now in charge, working on a commission basis. W. E. Ainsworth was recently appointed trustee.—J. R. McCreery.

Mendota, Ill.—The firm of Eckert & Ray has become owner of the Armour Elvtr. located in this city. They will use this elvtr. for a licensed storage house for grain they purchase from elvtrs. south and west of Mendota and also for cleaning same. James L. O'Neill, who has been in charge of this elvtr. for a number of years, will be retained as manager by Eckert & Ray.

Amboy, Ill.—F. S. Brooks is overhauling and repairing his elvtr. for more efficient accommodation of his customers. He has raised the cupola ten feet in order to give a bigger drop and better loading capacity. A new manlift has been installed and a concrete grain pit with a 300-bu. capacity has been built. A grain gate has been put in and a new leg has been installed.

Cropsey, Ill.—The firm of Pratt & Blair has dissolved partnership, Mr. Blair retiring, Mr. Pratt taking over and continuing the grain and lumber business. The business will be conducted under the name of Pratt Grain Co.—Pratt Grain Co.

Galesburg, Ill.—Davis Bros. and associates have consolidated ten of their elvtrs. and lumber yards, and the business in the future will be conducted under the name of Davis Bros. & Potter. The stations consolidated are Smithshire, Toulon, La Rose, Camp Grove, Ellis, Collison, Clsna Park in Illinois, Denhart (Corwith p. o.), Wileston (Manson p. o.), and Pocahontas, Iowa. There will be no change in the active management at any station, except La Rose, Ill., where Chas. J. Pottor of Galesburg will succeed M. B. Hyde who has resigned. E. W. Davis is superintendent of operation.—Chas. C. Davis, Ft. Dodge, Ia.

Havana, Ill.—Within a very short time we expect to have our new 20,000-bu. concrete elvtr. in operation. Plant is 73 feet high from the main slab to the top of the cupola. Corner bins run up 42 feet from the main slab and the pit 16 ft. below. Equipment includes a Western Cleaner and Corn Sheller, Hall Distributor, Richardson Automatic Hopper Scale, Howe 10-ton Truck Scale, Kewanee Truck Dump, two 10-h.p. elvtr. motors, belts, cups, etc., from Webster Mfg. Co. House is located between the I. C. R. R. and the Illinois river and a marine leg may be added later. A switch from the C. P. & St. L. will join the I. C. at the elvtr. in the near future.—Richard Steging, mgr., Havana Co-op. Grain Co.

CHICAGO NOTES.

The Rialto Elvtr. Co. is the new owner of the Nye & Jenks Grain Co.'s 1,000,000-bu. capacity house for which they paid in the neighborhood of \$650,000. The new owners leased the plant to the original owners for a period of five years.

The La Salle Cash Grain Co., a new company, has just been incorporated for \$10,000; incorporators are Edward A. Green, David L. Barsaloux and Frank W. Wells. Mark Smith is pres. of the company. They will do a general cash grain business.

Charles Kruska was overcome by carbon monoxide gas on July 30 in one of the large bins in the Badenoch Elvtr. The gas had formed from the grain. Stanley Myk, who went to assist his fellow workman, was also overcome by the gas. Masked firemen carried the men from the bins and revived Mr. Myk with a pulmotor.

INDIANA

La Crosse, Ind.—T. E. Frantz is mgr. of the La Crosse Grain & Coal Co.

Union Mill, Ind.—The Union Mill Shipping Ass'n recently built a cob house adjoining its elvtr.

West Union, Ind.—Linebarger Bros. are preparing to rebuild their elvtr. which burned some time ago.

Flora, Ind.—The plant of Ashpaugh & Flora was recently damaged during a wind storm. Small loss.

Galveston, Ind.—The Urmston Grain & Seed Co. plant was slightly damaged recently during a wind storm.

Mt. Vernon, Ind.—J. W. Moore of Terre Haute was recently named superintendent of the Home Mill & Grain Co.

Amboy, Ind.—The roof and siding on the plant of the Amboy Grain Co. was damaged during a wind storm recently.

Winchester, Ind.—The Goodrich Bros. Hay & Grain Co. has filed a resolution to change the firm name to Goodrich Bros. Co.

Union City, Ind.—The plant of the Pierce Elvtr. Co. was damaged from exposure fire of the Union City Elvtr. Loss was small.

Montmorenci, Ind.—The Co-op. Elvtr. Co. bot the Ed. Taylor elvtr. here for \$10,400. It is probable that this elvtr. will not be opened again.

Westphalia, Ind.—S. E. Chestnut has leased the Westphalia grain elvtr. from the Pioneer Grain Co. and is now ready to buy grain directly.

Madison, Ind.—The W. Trow Co. has installed a 5-tube Atwater-Kent radio set in its plant and will use it to receive the daily market quotations.

North Grove, Ind.—The plant of the North Grove Grain Co. was slightly damaged during a wind storm on July 3 and again on July 12. Loss in second storm has not been estimated.

Brookston, Ind.—I will rebuild a plant at once to replace elvtr. which was a total loss by fire.—Robert Bell. (The Reliance Constr. Co. has secured the contract and has begun the work.)

Monticello, Ind.—William Tellet, who has been for many years employed in the plant of the Loughry Bros. Mill & Grain Co., slipped recently while dressing a belt and was drawn into the pulley. His recovery is expected.

Grabill, Ind.—The Grabill Grain Co. bought the Witmer Grain Co. here and took immediate possession. The new owners will make some changes and improvements in the plant. They operate a modern flour mill in connection with the elvtr.

Elkhart, Ind.—We have taken over the property from Heilman & Heilman. We buy feed, hay and straw, buy grain from the farmers. Our business is mostly retail. Coal is our main business.—Heilman & Heilman Co., W. R. Thomson, pres. & mgr.

Piercetown, Ind.—Kraus & Apfelbaum of Fort Wayne bot the Piercetown Farmers Elvtr. Co.'s plant here which with contents, including coal sheds, were sold for \$7,135. The new owners had leased the plant for the past two years. George Knisely is being retained as mgr. of the elvtr.

Union City, Ind.—The Union City Elvtr. Co., which burned July 14, was owned by eleven farmers and business men in this vicinity. The plant has not been operated since last September. Plant and equipment were valued at from \$20,000 to \$25,000 and mortgaged for \$7,000; insurance carried, \$7,000. The owners felt they could carry their own risk and their loss is probably \$13,000. They inform us that plant will not be rebuilt. Building was destroyed July 21.—Union Loan & Trust Co., Paul I. Turner, pres.

Oaktown, Ind.—Ray Clodfelder has filed a suit against the American Insurance Co. of Newark, N. J., Ralph R. Trueblood, John H. Ward and the Union Iron Works of Decatur, Ill., in which he asks judgment for damages in the sum of \$15,000, growing out of the destruction by fire of the Wabash Grain Elvtr. Co. Plaintiff alleges that he was owner of the Wabash Grain Co. elvtr. and that on Nov. 17, 1924, he insured certain of the buildings for \$25,000 with the defendant insurance company, the policy being for one year; that on March 2, 1925, fire did damage to the property to the extent of \$15,000. He alleges further that he notified the defendant insurance company of the fire, and that he received from them a promise of adjustment of the loss which has not yet been made. He alleges further that the defendant company attached a mortgage claim on the policy in favor of defendants, Trueblood and Ward, and later another mortgage claim in favor of the Union Iron Works, all of whom, he alleges, refused to join with him in the suit as a result of which they are named as defendants in order to determine their interests in the policy.

IOWA

McGregor, Ia.—McMichael Bros. are erecting a new \$10,000 elvtr.

Emery, Ia.—John C. Jindrich has taken over the business of G. A. Ames.

Stanley, Ia.—Harvey Kiefer has taken over the grain elvtr. of Sherman & Clark.

Laurens, Ia.—C. M. Wood is the new mgr. of the C. C. Buck elvtr., succeeding M. M. Mendell.

Oskaloosa, Ia.—Jas. Wake bot the old "Oskaloosa Saddlery Co." and converted it into a grain elvtr.

Ross, Ia.—Jim Boyer has been named grain buyer for the local plant of the Trans-Mississippi Grain Co.

Midland (Buckingham p. o.), Ia.—The Quaker Oats Co. elvtr. has been remodeled and extensively improved.

Kanawha, Ia.—During a recent storm the roofs of the Farmers Elvtr. Co.'s coal sheds were carried away.

Titonka, Ia.—The Farmers Elvtr. Co. is making extensive repairs and improvements on its elvtr. A new driveway and a new pit are being built.

Cedar Rapids, Ia.—Have discontinued our Cedar Rapids office.—Flanley Grain Co., C. C. Flanley, Sioux City.

Emmetsburg, Ia.—I am a grain broker under my own name, buying grain for the east and south.—Arthur K. Emrich.

Clear Lake, Ia.—The Farmers Co-op. Co. recently completed a new, strictly modern, fire-proof office and warehouse.

Northwood, Ia.—A. A. Thompto & Sons are remodeling their north elvtr. for the purpose of installing a feed grinding mill.

Clearfield, Ia.—The Farmers Grain Co. is the name of the firm which bot the Farmers Elvtr. Co.'s concrete elvtr. of the receiver.

Davenport, Ia.—The Dow, Hale & Lerigo, Inc., who are in the grain and feed business, have increased their capital stock from \$12,000 to \$35,000.

Archer, Ia.—Anne T. Hayes and J. C. Koolbeck were married Aug. 1. Mr. Koolbeck is manager of the Edmonds Londergan Co. at Archer.

Hayfield, Ia.—The North Iowa Grain Co. has installed a radio in the office here which will make it quite convenient in getting market reports, etc.

Maurice, Ia.—Wm. Schouten of Ireton will assume charge of the Farmers Elvtr. Co. here on Aug. 1. The former manager, Ed Larkin, is moving to Hudson.

Fremont, Ia.—The J. E. Kennel elvtr. was burned to the ground with contents here on July 23. The building was metal covered. Loss \$20,000. He will rebuild.

Edna, Ia.—Floyd Barnes of Beaver, Ia., has succeeded C. R. Grinyer as manager of the Quaker Oats Co.'s elvtr. Mr. Grinyer has been transferred to Early, Ia.

Popejoy, Ia.—The Farmers Elvtr. was sold at public auction recently. The elvtr. and contents were purchased by some of the stockholders southwest of here.

Gilman, Ia.—At a meeting of the stockholders of the Farmers Elvtr. Co. it was unanimously agreed that the charter of incorporation be renewed for another 20 years.

Cresco, Ia.—I have been transferred as agt. for the Gilchrist Co. at Monona to the same position here, succeeding Jos. H. Kaupel who recently resigned.—R. E. Wenger.

Persia, Ia.—Fire on July 25 damaged the plant of the Bowles Grain Elvtr. Co. here to the extent of several thousand dollars. Twelve hundred bushels of barley were lost.

Pocahontas, Ia.—We have taken over the elvtrs. formerly owned by Ralph Beers. The two elvtrs. have a capacity of 95,000 bus.—Davis Bros. & Potter, R. J. Beneke, active mgr.

Gray, Ia.—I am mgr. of the Trans-Mississippi Grain Co. elvtr. here and have been with the same firm at Anthon until the latter part of last month. There are two elvtrs. here.—E. E. Greene.

Early, Ia.—F. W. Scott, who has been manager of the Quaker Oats Co.'s elevator at this station for the past two years, has resigned his position and is succeeded by C. R. Grinyer of Edna, Ia.

Orchard, Ia.—The Farmers Elvtr. & Supply Co. bot from the Orchard Lumber Co. the entire business including elvtr. and lumber yard. We retain only the lumber business.—R. J. and M. G. Smith.

Owasa, Ia.—The proposed consolidation of the Iowa Falls Co. and the Owasa Farmers Co-op. Elvtr. Co. was abandoned at the recent annual stockholders' meeting of the Farmers Co-op. Elvtr. Co.

Irvington, Ia.—The new elvtr. of Farmers Co-op. Ass'n is completed and in operation. With the modern equipment of the plant one man can do the work which formerly required the services of two.

Sibley, Ia.—The Betts Grain Co. of Mitchell, S. D., bot the Sibley elvtr. here of L. B. Spracher & Co. and have taken possession of business. Barney Graves will be retained as mgr. by the new owners.

Gravity, Ia.—I have leased the Blakeslee elvtr. here and will buy stock in connection. Am also operating an elvtr. at Page Center. I intend to build a concrete elvtr. but plans have not been made and I cannot proceed with it in the near future.—Z. Steele.

Battle Creek, Ia.—The sale of the property of the Farmers Elvtr. Co. by receiver of Battle Creek Savings Bank to C. C. Crawford of Ida Grove, Ia., was not approved by court. Another sale will be held Aug. 19.

Ontario, Ia.—The Ames Reliable Products Co. plans to rebuild the plant of the company which was destroyed by fire July 15. The rebuilding will be done at a cost of approximately \$15,000 and the construction is expected to go forward at once.

Ralston, Ia.—The Farmers Elvtr. Co. has again been robbed. This is the second time within six weeks. The theft is regarded as the work of amateurs. A hundred or more dollars' worth of tires and other goods were carried away.

Ida Grove, Ia.—W. DeWitt Shearer is now mgr. of the Central Roller Mills Co., succeeding D. H. Nellis who resigned. Mr. Shearer is an experienced grain man, having been for a time associated with his father in the operating of a grain elvtr. here.

Linn Grove, Ia.—Ed. Ensley is the temporary mgr. of the Western Elvtr. & Grain Co., succeeding D. R. Miller, who has resigned after 18 years in the grain business to embark in business for himself in another line.—Western Elvtr. & Grain Co., D. R. Miller.

Rockwell, Ia.—The body of Chas. A. Johnson, grain dealer of Rockwell, Ia., was found on the slopes of Hot Springs mountain near Hot Springs, Ark., on Aug. 1, with his throat slashed. Johnson disappeared about a week before and authorities believe that he committed suicide.

Conesville, Ia.—Kelly McKee was severely burned and badly bruised when he fell 40 ft. in the elvtr. operated by himself and his father, known as the James McKee & Son elvtr. McKee was riding a manlift when the rope broke, but he had presence of mind to seize the elevator rope and hold to it.

Newburg, Ia.—C. J. Hesson, 51, died here on July 25 following a six months' illness. He was mgr. of the Farmers Elvtr. for 18 years. Besides his widow, his mother and one son survive. Glenn H. McCarel, former mgr. of the LeGrande and Albion elvtrs., has been elected to fill the vacancy caused by the death of Mr. Hesson.

Anamosa, Ia.—Thomas Wheeler Shapley died at his home in this city on July 25 as the result of a general decline due to old age. He was 90 years old. Mr. Shapley was born at Hamilton, N. Y., Jan. 12, 1836. In 1872 he became associated with his cousin, Charles L. Niles, in the buying and selling of grain. For many years before his death he was vice-pres. of the Niles & Watters Savings Bank of Anamosa.

KANSAS

Seneca, Kan.—P. J. Allen bot the Henry Nolte elvtr.

Salina, Kan.—J. G. Meier has severed his connection with the Meier Grain Co.

Fellsburg, Kan.—A. M. Long of Belpre is the new owner of the Equity Exchange.

Salina, Kan.—George Fagerstrom is no longer with the Shellabarger Mill & Elvtr. Co.

Abilene, Kan.—The Security Flour Mills Co. has lately installed a grain department in its plant.

Atchison, Kan.—The Pillsbury Flour Mills contemplates erecting a new 9,000-bbl. warehouse.

Winfield, Kan.—The plant of the Winfield Farmers Union Co-op. Ass'n has resumed operation.

Arkansas City, Kan.—The B. C. Christopher Co. of Kansas City, Mo., will establish a branch office here.

Liberty, Kan.—The Liberty Co-op. Co. has just completed the construction of a 2,000-bu. addition to its elvtr.

Marietta, Kan.—The Marietta Stock & Grain Co. has under construction a new elvtr. to replace plant lost by fire.

Olivet, Kan.—The unrodded plant of the Petty & Watson Grain Co. was struck by lightning recently and slightly damaged.

Voda (Collyer p. o.), Kan.—The plant of the Robinson-Wyatt Co. has been completely remodeled and is now in No. 1 condition.

Burr Oak, Kan.—The plant of the Burr Oak Mill is being repaired, new machinery is being added, two new motors and new belting.

Topeka, Kan.—The Larabee Flour Mills Corp. has changed the name of its subsidiary here, the Kaw Mfg. Co., to the Kaw Flour Mills Corp.

Norwood, Kan.—Fred Hall, Carl Butell and Fred Wyman bot an elvtr. here which has been opened for business. The latter is pres. of the concern.

Burrton, Kan.—I bot the mill, elvtr. and ice property from the Farmers Union Ass'n. Have installed electric motors and a new ice system.—Milo Cook.

Walton, Kan.—F. L. Johnson, mgr. of the Peabody Mfg. Co. at Peabody, bot the local elvtr. of the Peabody Mfg. Co. and will operate it hereafter.

Russell, Kan.—The roof of the plant of the A. J. Poor Grain Co. was completely damaged by fire on July 20 along with 2,000 bus. of corn and other grain.

Scandia, Kan.—C. E. Wyman bot the interest of his partner, James J. Smith, in the firm of Wyman & Smith, Mr. Wyman taking full charge on July 15.

Salina, Kan.—The new buildings of the Shellabarger Mill & Elvtr. Co. will be completed by Sept. 1 and will replace buildings lost by fire last March.

Hutchinson, Kan.—The Gano Grain Co. has discontinued but Paul Gano retains his membership in the Board of Trade and may later embark in the grain business again.

Burlingame, Kan.—The Farmers Elvtr. was destroyed by fire recently. The elvtr. and contents were covered by insurance and the erection of a new house will commence soon.

Republic, Kan.—D. A. Rickel of near here bot the Baker-Crowell elvtr. here, also the one at Warwick. The local plant was managed by B. F. Githens for twenty-one years. Mr. Rickel is erecting a large granary and corncrib on his farm.

Edna, Kan.—William Cornell was recently badly injured at the plant of the Edna Grain Co. While hoisting a wagon a roller became loose and fell, striking him on the head, causing a gash which required seven stitches and severely wrenching his back and shoulders.

Muscotah, Kan.—Fire on the night of July 20 destroyed the elvtr. of Mrs. T. B. Kelly, which is managed by Ed. Osterhout. A temporary dump has been erected and an elvtr. will be rebuilt in time to take care of the corn crop. One elvtr. is not able to take care of the grain business here.

Dodge City, Kan.—I have completed a new frame, iron-covered elvtr. on the Rock Island tracks here. Capacity of new house is 10,000 bus. It is equipped with electric power, air truck dump, Howe 10-ton Wagon Scales and Richardson Automatic Scales. Star Engr. Co. had the contract.—Joe Hall.

Hutchinson, Kan.—The partnership of the R. V. Grain Co. between L. H. Rethorst and myself terminated July 31. Mr. Rethorst will maintain an office here for the present, and I am now associated with A. G. McReynolds who has been in business here for some time.—McReynolds Grain Co., R. W. Vance.

Wichita, Kan.—David S. Jackman, formerly in charge of the elvtr. and mill of the Kansas Mfg. Co. at St. John, Kan., but recently treasurer of that company, was taken suddenly ill on Aug. 2nd and was rushed to the hospital where an operation for abdominal trouble was necessary. Mr. Jackman is in a serious condition.

Partridge, Kan.—D. D. Nuss, who signed a contract to operate our plant on a fifty-fifty working capital basis, left in the midst of the threshing season after a month's service.—Partridge Mill & Elvtr. Co., L. G. Everett, pres. Mr. Nuss has gone to Abilene. The elevator has been leased to Ben Nelson of Hutchinson.

Palmer, Kan.—J. M. Decker of Concordia is the new owner of the local elvtr. and also the plant at Day Station, both of which were formerly owned by the Baker-Crowell Grain Co. of Kansas City. Mr. Decker was district mgr. for the firm. There will be no change made in the local management of these elvtrs. by the new owner.

Topeka, Kan.—The Kansas Grain Dealers Ass'n. in session here last May, adopted a resolution favoring the divorcing of the state inspection department from politics. Since then Sec'y Smiley has been active in creating sentiment in favor of securing the enactment of a law at the next session of the legislature that would accomplish the change. He says: "We would favor a law making applicants qualify as well as to require those who have qualified to requalify. The law deducting 10% of the gross revenue of the department for state fund purposes should be repealed," he says.

KENTUCKY

Henderson, Ky.—Fire on Aug. 2 destroyed the bran house of the Henderson Elvtr. Co., damaging plant to the extent of \$800.

Georgetown, Ky.—The People's Roller Mills Co. has dissolved partnership. W. L. Williams, pres. of the company, has been appointed agent.

Newport, Ky.—The Dorsel Grain Co. has removed its Cincinnati office to the Dorsel Flour Mills here where it will hereafter conduct its grain and hay business.

Claypool, Ky.—J. A. Britten's flour mill was burned on July 28. Loss about \$2,000, partly covered by insurance. A quantity of corn and wheat was also destroyed.

Henderson, Ky.—W. A. Williams of the Henderson Elvtr. Co. died July 24 at his home here at the age of 76. He came to Henderson 30 years ago from Nashville, Tenn., and during the past 20 years has been connected with the Henderson Elvtr. Co. He has two sons, E. N. Williams and R. L. Williams, who are well known to the grain trade of Indiana, Illinois and Ohio.—E. N. Williams.

LOUISIANA

New Orleans, La.—The port commissioners are installing a 15,000-bu. marine leg at Stuyvesant Dock and will operate it in conjunction with the L. C. elvtrs. D and E which it has under lease. This will facilitate the receiving of grain from river barges and improve the opportunity for mixing and blending cargoes.

MARYLAND

Baltimore, Md.—H. Frank Mellier of Hayward & Co., a well known member of the Exchange, has recovered from a recent illness.

Ellicott City, Md.—Plans are under way to reopen the Patapasco Flour Mills of Gambull Mfg. Co. A proposition for the purpose has been made to the bondholders.

Baltimore, Md.—Dalrymple Parran is continuing the business of Wm. J. Parran & Son since the death of his brother, the late Wm. J. Parran, who was the proprietor.

Mt. Airy, Md.—M. V. Runkles lost his mill, elvtr. and warehouse in a recent fire; loss, \$200,000. He is now located in a temporary warehouse and will rebuild as soon as plans are completed.

Baltimore, Md.—The Pennsylvania Railroad is installing in its Canton elvtr. a machine which will remove the smut from wheat. A similar machine has been installed by the B. & O. in its elvtr. at Locust Point.

Baltimore, Md.—Following the death of George A. Hax, senior member of the firm of G. A. Hax & Co., a grain, hay and feed commission business, the company is being liquidated but the surviving member of the firm will continue in business under the name of the Hax Co.

MICHIGAN

Cologne, Mich.—Phil Guettler bot the local flour mill of Guettler Bros.

Pottsville, Mich.—C. A. Crowell of Chesaning has bot the Stockbridge Elvtr. Co.'s plant.

Pigeon, Mich.—The Pigeon Elvtr. Co. has leased the Kren coal yard and will enlarge its coal business here.

Uby, Mich.—The Uby Roller Mills contemplate installing an oil engine to replace its steam power plant.

Caro, Mich.—The Caro Farmers Co-op. Co. recently remodeled its plant, equipped it with electric power and installed additional new machinery.

Reading, Mich.—Warren Mitchel of Montgomery, who recently bot the Reading Flour Mill, sold it to C. O. Gibbon and O. W. Bowen who took immediate possession.

Union City, Mich.—We are installing in our plant here a mill for the removal of buckthorn from clover seed. The mill will be in operation by Sept. 1.—Union City Co-op. Co.

Charlotte, Mich.—Christian Breisch & Co. of Lansing took over the management of the former Square Deal Co-op. Elvtr. here a year ago for a year and have now severed connections with the local elvtr. which is now run under the name of the Farmers Elvtr. Co., a number of local men having financed the institution. E. W. Nelson will continue as manager.

Cass City, Mich.—We have under construction a modern office to be completed by Aug. 15. Using our old concrete boiler house for the purpose, will use our present office for a warehouse. We are also replacing our 5-ton wagon scale with a 10-ton Fairbanks-Morse Truck Scale. Will also install a new heating system in building.—Cass City Grain Co., A. C. Atwater, mgr.

Owosso, Mich.—The L. C. Hall elvtr. was taken over Aug. 3 by Glen A. Mills, who has purchased the entire interests of L. C. Hall in the elvtr. and coal yards. Mr. Mills goes to his new business, which will be known as the Owosso Elvtr., from the C. C. Wright Co. where he has been an active partner since 1922. The new firm will handle flour, feed and coal, and will buy wheat, corn, oats, rye, beans, hay and straw.

MINNESOTA

Marietta, Minn.—The Farmers Elvtr. Co. is contemplating repainting its elevator.

Verdi, Minn.—Mail addressed to J. J. Peters has been returned marked "Unclaimed."

Echo, Minn.—The Farmers Elvtr. Co.'s elvtr. has been rebuilt and is ready for business.

Watson, Minn.—The Watson Farmers Elvtr. Co. will have elvtr. in operation for business soon.

Fisher, Minn.—New machinery is being installed in the plant of the Farmers Elvtr. Co. here.

Henderson, Minn.—The Nagel Grain Co.'s new \$10,000 elvtr. is completed. H. E. Nagel will manage the plant.

Nashua, Minn.—We are successors to the Farmers Elvtr. Co. and operate the only elvtr. here.—Nashua Grain Co.

Minneapolis, Minn.—Patrick Mallon, formerly with the Washburn-Crosby Co., is now with the McCaull-Dinsmore Co.

Atwater, Minn.—Olaf Setterlund of Elbow Lake is the new mgr. of the Farmers Elvtr. Co., succeeding John Gagnon.

Minneapolis, Minn.—The name of our firm has been changed to Winter-Truesdell-Diercks Co.—L. G. Truesdell, vice-pres & treas.

Burwell (Crookston p. o.), Minn.—The Crookston Mlg. Co.'s elvtr. has been remodeled and equipped with a new scale and new air pressure dump.

Minneapolis, Minn.—Anton Huhn, 69, one of the oldest grain dealers in the city, died Aug. 3 of pneumonia. He was pres. of the former A. Huhn Elevator Co.

Minneapolis, Minn.—The Poplar Grain Co., incorporated; capital stock, \$50,000. L. G. Truesdell. Mr. Truesdell is a member of the firm of Winter-Truesdell-Diercks Co.

Kenneth, Minn.—The Kenneth Farmers Elvtr. Co. is planning to install a 10-ton scale truck dump, repair the foundation of the elvtr. and cover it with galvanized iron.

Franklin, Minn.—The Aneta Grain Co. of Minneapolis has leased the mill of the late George Ledbetter and Chester Tetzelauff of Wheaton will manage the plant.

Benson, Minn.—The Benson Market Co. is contemplating the installation of a disc cleaner. The house is undergoing a general overhauling and will be ready in time for the fall threshing.

Russell, Minn.—H. O. Cronk, manager of the New London Mlg. Co. of Willmar, has made arrangements for the re-opening of their elvtr. here. Ike Orlebeke of Clara City is the new agent.

Thief River Falls, Minn.—Tessum & Co. is remodeling its plant. In addition to building new overhead hoppers an extra leg will be added for a seed cleaner which will be used for screenings.

Minneapolis, Minn.—James Ford Bell, v. p. of the Washburn-Crosby Co., was elected pres., succeeding John Crosby, who was elected chairman of the board of directors, change of officers becoming effective on Sept. 1.

Lake City, Minn.—J. B. Cain lately became mgr. of the Hunting Elvtr. Co.'s plant, succeeding T. F. Norton who resigned to assume the management of the Lakeside Flour Mill plant which he recently bot here.

Minneapolis, Minn.—The Archer-Daniels-Midland Co., manufacturers of linseed products, plan to erect a 500,000-bu. concrete grain elvtr. at a cost of \$100,000. The structure is to be 90x90 and to be completed within four months.

St. Cloud, Minn.—The Great Northern Mlg. Co., which also operates an elvtr., has petitioned the court for dissolution of the firm and the appointment of a receiver. Defendants are W. E. Coles, Jr., L. K. Eaton and E. F. Moore.

Minneapolis, Minn.—The Froedtert Grain & Malting Co. of Milwaukee opened a branch office here on Aug. 1 with Curt Kanowsky, formerly with the main office, in charge here. The local office will also have charge of the company's business at Winona and Red Wing.

Ellsworth, Minn.—The L. B. Spracher line of elvtrs., with plants at Ellsworth, Sibley and Bigelow, has been sold. Mr. Stockdale of Stockdale-Maack Co., Estherville, Ia., purchased the Ellsworth house. The Betts Grain Co. of Mitchell, S. D., acquired the houses at Sibley, Ia., and at Bigelow, Minn.

Minneapolis, Minn.—James H. McCarthy, president of the McCarthy Bros. Co., died here Aug. 1 after a year's illness. He was 75 years old and was a resident of Minneapolis since 1890. Mr. McCarthy was born in Newfoundland, May 15, 1850, and migrated to Sycamore, Ill., when a boy. He later entered the grain business as an elvtr. manager at Hitchcock, S. D., and in 1890 came to Minneapolis and established the firm of McCarthy Bros. Co. Besides being president of that company he was vice-president of the Capitol Elvtr. Co. of Duluth, Minn. He was a member of the Chamber of Commerce for over thirty years. Mr. McCarthy is survived by his wife, two sons, Louis A. McCarthy of Minneapolis and J. H. McCarthy, Jr., of Miami Beach, Fla., and a daughter, Mrs. H. F. McCarthy of Minneapolis.

MISSOURI

Amity, Mo.—The Shannon Grain Co. plant has resumed operation.

St. Louis, Mo.—Burton Neal, superintendent of the mlg. department of the Marshall Hall Mlg. Co., has resigned.

Berryville, Mo.—The Berryville Mlg. Co., which operated a mill here for more than 25 years, has ceased operation.

Craig, Mo.—The new elvtr. under construction here for Brownfield & Teare, replacing the one lost by fire last summer, is now completed.

Hardin, Mo.—The Seward Grain Co. plant will be operated by a commission company of St. Louis which has leased the plant for a year.

Lamar, Mo.—Exposure to fire caused a loss to the plant of the Lamar Mlg. Co. on July 20, the extent of which is not known. Walter J. Miller is mgr. of plant.

DeWitt, Mo.—S. S. Stevens of Barrington, Ill., bought the J. L. Crowder flour mill here. New owner has been in the mlg. business for a number of years and will make changes.

Salisbury, Mo.—The Salisbury Mill & Elvtr. Co.'s plant was totally destroyed by fire on July 25 with 3,500 bus. of wheat and 1,200 bus. of corn. Loss, \$14,000, with \$11,000 insurance.

Auxvasse, Mo.—The Auxvasse flour mill, operated by J. M. Fowler, was burned to the ground recently and between 450 and 600 bus. of wheat were destroyed. Loss, \$30,000.—P. J. P.

Slater, Mo.—Baggarly & Reiderer, owners of the Slater Mill & Elvtr. Co., bot the local elvtr. and also the Norton plant from Farmers Co-op. Ass'n. which gives them a total capacity of 175,000 bus. The new owners will remodel the elvtrs. and warehouses.

St. Joseph, Mo.—The local office of the Marshall Hall Grain Co. has been closed. J. R. Schmitt, who was in charge, has been made head of the wheat department of the St. Louis office.

Granite City, Mo.—The Iowa-Missouri Grain Co. is disposing of its elvtrs., known as the Granite City elvtr., the Worth and the Gentry elvtr. The firm is being liquidated. The plant here has been leased by Nail Bros.

St. Louis, Mo.—William Woods, aged 96, died here on July 25 of a complication of diseases. He was a resident here for 53 years and a retired grain dealer. He was formerly a member of the Merchants Exchange. Two sons and a daughter survive.—P. J. P.

Carrollton, Mo.—The elvtr. we lost by fire on July 9 was partly insured, amount \$2,500. Plant had just been ready for wheat season which began that week. Will be too late for this year's crop, even if rebuilt immediately. No plans for rebuilding made so far.—Stipp & Co.

Chillicothe, Mo.—The flour mill and elvtr. of the Scruby Bros. Grain & Implement Co. were destroyed by fire on the evening of Aug. 4. This plant was one of the oldest in the state of Missouri and the mill had a daily capacity of 300 bbls. Stored in the elvtr. were about 1,000 bus. of wheat, 1,000 bus. of corn and 2,000 lbs. of corn chops and meal. The loss is partially covered by insurance.—P. J. P.

St. Joseph, Mo.—Members of the Exchange met at the St. Francis Hotel here on July 29 and organized a grain club. Officers: H. L. Dannen, pres.; F. A. Wilson, v. p.; C. W. Cargill, sec'y, and H. C. Gregory, treas. Officers other than those elected by the exchange were chosen by the grain club to relieve Exchange officials of any added duties. By-laws are being drawn up and monthly meetings have been planned.

Broseley, Mo.—Alva Straub has instituted a \$7,500 personal injury suit against Walter Phillips and John P. Funck, operators of a flour mill at Broseley, for injuries alleged sustained April 7 when working in the mill. Straub was ordered to throw the gear that put the machinery in motion by way of a belt and fly wheel attached to the engine. It was necessary for him to kick the gear shifting wheel with his foot. His foot slipped and was caught by the fast running fly wheel and the leg broken in two places. The charge is that the owners and operators of the mill were neglectful in failing to provide a gear-shifting lever for the rear shift.

KANSAS CITY LETTER.

J. T. Bradshaw, state grain and warehouse commissioner during the Gardner administration, is now political editor of the Kansas City Tribune.—P. J. P.

Additional storage and headhouse equipment space now under construction for the Wyandotte Elvtr. Co. is progressing. The work is being done by Jas. Stewart & Co.

The Kansas Co-op. Grain Co. has incorporated; capital stock, \$200,000 in Kansas and \$40,000 in this state. Incorporators are John Vesecky, L. L. Wilson and W. W. Young.—P. J. P.

W. B. Lincoln, formerly mgr. for the Armour Grain Co. here and more recently associated with the Grain Marketing Co., has entered business with J. J. Wolcott under the firm name of Wolcott & Lincoln.

The erection of the 800,000-bu. addition to the Wabash Elvtr. has been postponed until next May. The promoters contend that the present capacity of the plant, which is 1,000,000 bus., is ample for this year's crop.

W. J. Mensendieck, pres. of the Mensendieck Grain Co., has recovered from injuries he received from an overturned auto while in Colorado when he drove into a ditch to avoid a collision, and is again active in his business.

J. M. Mackey died here recently following a paralytic stroke. His health had been failing for several months. Mr. Mackey was a member of the firm of Toberman, Mackey & Co., with headquarters in St. Louis. The local office of the firm has been taken over by W. C. Brown who was connected with the firm here for the past three years, and is operated under the name of W. C. Brown & Co.

MONTANA

Oka, Mont.—Mail sent to the agent of the Montana Elvtr. Co. is returned unclaimed.

Melstone, Mont.—Wm. O'Laughlin of Baker bot the Melstone elvtr. from the Yellowstone Grain Co.

Nashau, Mont.—We are installing a 10-h.p. Fairbanks Engine also a Kewanee Lift.—Imperial Elvtr. Co., H. H. Bissell, agt.

Hysham, Mont.—C. A. Viets, who was agent for the Devereux Co., will continue in the same position with the new owners, the Yellowstone Elvtr. Co.

Suffolk, Mont.—Ray Swift, formerly with the Montana Elvtr. Co., has an elvtr. under construction here which will be completed in time for the handling of this season's crops.

Pendroy, Mont.—F. M. Webb, formerly a grain buyer at Joliet, bot the Imperial Elvtr. Co.'s plant here and has organized a Farmers Elvtr. Co. which will be under his direction.

Ballantine, Mont.—We bot the elvtr. of the Ballantine Grain Co. which will be operated by us. We will conduct a grain, flour, feed and coal business.—Occident Elvtr. Co., R. A. Mitchell, agt.

Great Falls, Mont.—J. W. Sherwood, v. p. and mgr. of the Royal Mlg. Co. of this city, and Mrs. Mabel Alice Stone were married in the Sherwood summer home in Glacier National Park on July 22.

Antelope, Mont.—The Farmers Grain Shipping Co. will install a truck dump and a new engine in its plant this fall. H. L. Larson is mgr. of the plant. The Rugby Elvtr. Co., which is managed by Fred Glazi, will also install a truck dump in its plant here. We have completed the installation of a Carter-Mayhew Disc Separator and a new direct loading spout, in addition to other improvements we made in our plant.—Hoven Grain Co.

Lewiston, Mont.—We will operate under the firm name of Swift Grain Co. Our plants are located at Suffolk, Kolin, Clyde Park, Toston, Big Timber, Rapelje and Wilsall, all in Montana. The plant at Kolin is a 25,000-bu. capacity, is new and just about completed. The plants at Kolin and Clyde Park were bot from the receivers of the Montana Grain Growers. The Rapelje house was formerly the property of Joe Betts. The plants at Big Timber, Toston and Wilsall are operated under lease from Mark P. Miller of Portland, Ore. The Big Timber house, which was destroyed by fire about two months ago, is being rebuilt.—Swift Grain Co., J. R. Swift.

NEBRASKA

Brownville, Neb.—A. B. Wilson bot the Duff Grain Co.'s elvtr. here.

Danbury, Neb.—O. C. Thomas leased the Duff Grain Co.'s elvtr. here.

Gering, Neb.—An elvtr. and warehouse will be erected here by the North Platte Mlg. Co.

Lincoln, Neb.—The Nye-Schneider-Jenks Co. has leased the Ewart and Updike elvtrs. here.

O'Neill, Neb.—The Farmers Union Elvtr. Co.'s tile plant was recently damaged by lightning.

Marion, Neb.—G. W. Schell of Garden City, Kan., bot the local elvtr. owned by Redfern & Fields.

David City, Neb.—The Nye-Schneider-Jenks Co.'s elvtr. has resumed operation with Fred Reigel as mgr.

Rushville, Neb.—Mr. Davis and I dissolved partnership and I operate both elvtrs. now.—W. H. Wolvington.

Phillips, Neb.—Charles Sherwitz, former mgr. of the Farmers' Grain Co., has located at Sutherland, this state.

Talmage, Nebr.—F. C. Mead has resigned as manager of the Farmers Co-op. Ass'n and is succeeded by Mr. Beaman.

Prague, Neb.—Dr. Carlson and a company will take over the Prague Mlg. Co. and operate the plant on an enlarged scale.

Blair, Neb.—New machinery is being installed in the plant of the Blair Mill and the plant is being generally overhauled.

Lawrence, Neb.—The Barry Mill & Elvtr. Co. is remodeling its plant, doing some general repairing and installing an electric motor.

Omaha, Neb.—Small damage was done by fire to plant of Nebraska Consolidated Mills. Friction of belt on pulley was cause of fire.

Hildreth, Neb.—Perry McCombs has succeeded the Duff Grain Co. here. He bot the plant for \$3,000. He was manager for 18 years.

Graf, Neb.—The Duff Grain Elvtr., which has been closed for some time, reopened on July 27 with Ralph Chittenden of Tecumseh again in charge.

McCook, Neb.—The Simonds-Shields-Lonsdale Grain Co. has established a branch office here with Mr. O'Dowd in charge. He was formerly mgr. for the firm's business at Hastings.

Nora, Neb.—I have bought the Nye-Schneider-Jenks Co. plant at this place and will operate it as the Nora Grain & Lumber Co.—F. J. Stanley, former mgr., Farmers Union Ass'n.

Humphrey, Neb.—Will Vanderhelden has under construction here a 50-bbl. mlg. plant which he expects to have in operation before the end of the month. The building is an iron-clad frame structure.

Omaha, Neb.—M. I. Dolphin, for many years a member of the Exchange, has been appointed a member of the board of directors, succeeding S. S. Carlisle who has gone to St. Louis to embark in the grain business.

Crawford, Neb.—D. F. Hynes, superintendent of the Buffalo Co. Flour Mills at Shelton, is in charge of the Crawford Mills which he will operate for the Toomey Mlg. Co. of Spearfish, S. D. The plant will be remodeled and repaired.

Gordon, Neb.—Both of us, Mr. Glover and I, will run the elvtr. which we bought from Nye-Schneider-Jenks Co. Do not know who will manage the Farmers Co-op. Grain Co. We have a 15,000-bu. elvtr.—Gordon Grain Co., B. V. Stouffer.

Nelson, Neb.—The C. E. Jansen & Sons flour mills, a large elvtr. with all equipment, including two carloads of flour, 2,000 bus. of wheat and two auto trucks were destroyed by fire on Aug. 3. Loss more than \$40,000, partly covered by insurance.

Falls City, Neb.—Elias Maust, aged 86 years, and a resident here for 55 years, died July 25. He opened the first grain elvtr. at this point and the first grain elvtr. in the state in 1870. His sons, Maust Bros., conduct the business he founded.—P. E. P.

Lincoln, Neb.—C. G. Crittenden, for many years mgr. of the terminal elvtr. of the Nye-Schneider-Jenks Grain Co. at Omaha, has returned here to look after the company's interests at this point. He was for years mgr. of the Central Granaries Co. here.

Greenwood, Neb.—The Farmers Elvtr. Co.'s plant has been closed and a petition in bankruptcy has been filed. The liabilities are listed at \$85,000 and assets at \$15,000. W. E. Pailing, general mgr. of the plant, has claims for \$48,000 which include salary and money advanced.

Gordon, Neb.—At the recent annual meeting of the stockholders of the Farmers Elvtr. Co., Sam Moore, Jim Webster and John Oldenburg were elected to manage the plant, succeeding Walter Glover who with B. V. Stouffer recently took over the Nye-Schneider-Jenks Co. plant.

Chadron, Neb.—The Nye-Schneider-Jenks Co.'s elvtr., which for a time was leased by the Chadron Flour Mills, has been taken over by Walter Peterson and Sam Yutesler who took charge on July 15 and now have the plant in operation. Mr. Peterson superintended the elvtr. for the past twenty years under the former ownership.

BUCKETS



Our line of Grain Elevator Buckets is complete.

We carry a complete line of Grain Elevator Machinery.

American Machinery & Supply Co.
Omaha, Nebr.

Howe Scales

Kewanee Dumps

NEW ENGLAND

Newburyport, Mass.—W. E. Atkinson of the Atkinson Coal Co. bot the Rolfe Grain Co.

Fall River, Mass.—The John Enwright & Son grain elvtr. was burned to the ground on Aug. 1. It was a wooden structure built many years ago and operated many years by members of the family. Loss, \$50,000.

NEW JERSEY

Milhurst (Freehold p. o.), N. J.—The Millhurst Mfg. Co. has been organized here with a capital stock of \$50,000. Members of the firm are David Deutch, Nathan Weisglas, Jos. Wallach and Solomon Shisman. They will deal in grain.

NEW YORK

Buffalo, N. Y.—The Marine Elvtr. will be ready for operation about Nov. 1.

Buffalo, N. Y.—The new plant of the Superior Elvtr. Co. will be ready for operation in early fall.

New York, N. Y.—On Aug. 1 the Chesapeake Export Co., a subsidiary of the Rosenbaum Grain Corporation, opened offices here.

Troy, N. Y.—The state special legislative commission while on an inspection tour recently inspected the local site for the proposed state grain elvtr.

Buffalo, N. Y.—The Corn Exchange and the Buffalo Flour Club will have their joint annual outing on Aug. 15 with a boat trip around Grand Island and a picnic.

New York, N. Y.—Hearing of motion in the district court for an order directing the payment of a final dividend to the creditors of the Bolle Watson Co., Inc., is set for Aug. 17.—Thomas Blake, Langdon P. Marvin, receivers, Bolle Watson Co., Inc.

Niagara Falls, N. Y.—The creditors of the Homestead Mfg. Co. met on July 30 and named Frederick B. Degnan trustee. The company has liabilities of \$19,600 and assets consist of personal property valued at several hundred dollars and doubtful real estate.

NEW MEXICO

Alamogordo, N. M.—The Hale Grain Co. has incorporated; capital stock, \$10,000. Incorporators are G. W. Hale, Chas. Beasley and T. A. Fischer. The new firm bot the Norton Grain Co.

NORTH DAKOTA

Jamestown, N. D.—C. B. Nupen will erect an elvtr. here.

Venturia, N. D.—The Venturia Grain Co. incorporated; capital stock, \$20,000.

Glen Ullin, N. D.—The Farmers Grain Co. has incorporated; capital stock, \$20,000.

Prosper, N. D.—A. H. Johnson has resigned as mgr. of the Equity Elvtr. & Trading Co.

Ellendale, N. D.—F. W. Walton died here recently. He was pres. of the Ellendale Grain & Producing Co.

Dickinson, N. D.—A 60,000-bu. grain elvtr. under construction here for Hugh McGillivray is progressing rapidly.

Harvey, N. D.—F. C. Riebe of the Kellogg Commission Co. recently became the owner of the H. B. Kamps elvtr. here.

Trenton, N. D.—The Farmers Elvtr. Co. has had extensive repairing done on its plant here and has also installed a grain dump.

Scranton, N. D.—F. Sturma of Mandan was elected manager of the Scranton Equity Elvtr., succeeding H. E. McKennet who resigned.

Hebron, N. D.—Dakota Mill & Elvtr. Co. incorporated; capital stock, \$50,000; incorporators, J. R. Long, Louis Kohne and S. P. Halpern.

Bement (Bisbee p. o.), N. D.—Gunder Larson, formerly with the Farmers Elvtr. Co. at Bisbee, is buyer for the Cargill Elvtr. Co. here.

Fife (Mapleton p. o.), N. D.—I bot the grain elvtr. of the Andrews Grain Co. here. The house has 20,000 bus. capacity and is equipped with new scale and truck dump, also new driveway and new work room with auto engine. Will operate under name of Fife Grain Co.—T. J. Cocking.

Duane (Ellendale p. o.), N. D.—The Duane Farmers Elvtr. Co. bot the Empire Elvtr. Co.'s plant, increasing the former's elvtr. capacity by 30,000 bus.

Crocus, N. D.—The local elvtr., owned by the Farmers Grain Co. of Devils Lake, was destroyed by fire with contents consisting of 500 bus. of grain and 30 tons of coal. Plant will be rebuilt.

Linton, N. D.—The Liberty Grain Co. of Strasburg has a new grain elvtr. under construction here which will be in operation in time for fall crop. Frank Baumgartner of Mandan will manage the plant.

Pingree, N. D.—M. O. Pederson is not with us any more. We have installed in our cupola a Richardson Dump and in addition to other improvements added a new distributor and new spouting.—Pingree Grain Co., A. B. Peterson, mgr.

Cogswell, N. D.—I have leased the Sothman elvtr. and will operate it under the name of the Cogswell Independent Elvtr. The plant has been put in good operating condition and it is my intention to do a general grain and coal business. The Osborne McMillan Elvtr. has not opened for the season.—Cogswell Independent Elvtr., Max F. Bales, prop.

Bisbee, N. D.—The Farmers Grain Co. is installing a Kewanee Truck Lift and painting its plant. The Farmers Elvtr. Co. has made extensive improvements in its plant, painted the plant and installed a Kewanee Truck Lift. The Kellogg Commission Co. has also painted its plant. William Nelson is buyer for the Kellogg Co. V. C. Gores is buyer for the Farmers Elvtr. Co., and I am the buyer for the Farmers Grain Co.—Farmers Grain Co., Henry Haugland.

OHIO

Custar, O.—The Deshler Farmers Elvtr. Co. contemplates installing a scale.

McComb, O.—The Farmers Grain Dealers Ass'n met here on Monday, Aug. 3.

Willard, O.—The Willard Farmers Exchange has increased its storage capacity 4,000 bus.

Dayton, O.—The V. E. Herter Grain Co.'s elvtr. was damaged recently during an early morning fire.

Enon, O.—Beard & Beard operate the only elvtr. here. They are wholesale and retail grain merchants.—X.

Larue, O.—The Larue Grain & Supply Co. installed a new elvtr. leg in its plant here. An addition is to be built later.

Tontogany, O.—The Farmers Elvtr. Co. has just finished repairing the roofs on all buildings with "no-leak" roofing material.

Cincinnati, O.—Ferber Bros. have dissolved partnership and will hereafter operate separately in the grain and hay business.

Mansfield, O.—The plant of the Lantz Bros. Mfg. Co., which was burned in March, has been rebuilt and the mill is now in operation with a capacity of 100 bbls. per day.

Versailles, O.—We have just completed our loading station here. Building has capacity of 3,000 bus. and is equipped with one stand of elvtrs., hopper scale and drag in basement.—Alexander Bros.

Greenville, O.—E. W. Loy is in charge of the North and West Side Elvtrs., formerly owned by the Greenville Farmers Exchange. Both plants recently resumed operation under the new management.

Williamsport, O.—The flour mill operated here by John Hess was burned to the ground recently with most of the contents. Loss, \$8,000, and \$500 worth of grain. Building and equipment were partly insured.

Emery Chapel (Springfield p. o.), O.—The Emery Grain & Feed Co., composed of B. B. Ireland of Columbus and A. W. Tullis, former mgr. of the Farmers Exchange Co. of Xenia, bot the Emery Farmers Grain Co.'s business here.

Jewell, O.—The Jewell Grain Co. elvtr. was recently burned to the ground. This is the second time the firm lost its plant in the past few years. The plant was practically new. Loss \$20,000 and about 2,200 bus. of grain. The building was insured for \$15,000 and there was a blanket policy on the contents. The company will rebuild but plans have not been drafted.

OKLAHOMA

Alva, Okla.—The Alva Roller Mills has dissolved as an Oklahoma corporation.

Kingfisher, Okla.—The Kingfisher Mill & Elvtr. Co. has installed a corn mlg. plant.

Yukon, Okla.—The Yukon Mill & Grain Co. mill was damaged by fire on July 24. Loss small.

Wagner, Okla.—The new elvtr. erected for the F. B. Gilbert Grain Co. is now completed and ready for business.

Gracemont, Okla.—I am re-roofing my corncrib and doing some repair work on my elvtr. and coal house.—C. A. Downing.

Gate, Okla.—Our elvtr. was completely destroyed by fire. Loss on grain \$5,000, on elvtr. \$10,000. Building was valued \$30,000. Will not rebuild.—Burk Elvtr. Co.

Elk City, Okla.—We lost our mill and elvtr. by fire here on July 21; total loss \$25,000, with about 60% insurance. Will rebuild both plants between now and spring.—Davis Mill & Grain Co., B. C. Davis.

Lawton, Okla.—The 10,000-bu. elvtr. of the Farmers' Co-op. Elvtr. Ass'n has been completed and is in operation. The entire building is covered with sheet metal and galvanized iron and is leakage proof.

Imo (Enid p. o.), Okla.—The Imo Elvtr. Co.'s plant was sold at auction under court order recently to D. J. Lamunyon for \$25,000. He had a judgment against the stockholders of the company. The Farmers Grain Co. incorporated; capital stock, \$70,000; incorporators, P. S. Wells, D. J. Lamunyon and Samuel Hill.

Arapaho, Okla.—W. M. Black resigned after six years of successful service as mgr. of the Farmers Union Co-op. Ass'n, which is in excellent financial condition due to his able management. Mr. Black's resignation became effective Aug. 1 and he has gone west where he contemplates opening a wholesale and retail grain, feed and flour business.

Ponca City, Okla.—The Farmers Co-op. Elvtr. Co. has changed hands three times in the past three months. The plant, originally owned and operated by J. S. Hutchins, first became the property of the Farmers Co-op. Elvtr. Co. D. J. Donahoe bot the plant from the Farmers Co-op. Co. on July 12 and a week later sold it to W. T. Oates, owner of the Oates Grain Co. here, who took immediate possession. The new owner closed his plant and moved the equipment to his new possession where he will make many changes. He will later dismantle his old plant. The new elvtr. is valued at \$20,000.

OREGON

Valleyfield, Ore.—McDonald & Robb have under construction a new milling plant of 250 bbls. per day capacity. The structure replaces one lost by fire a year ago. It is to be in operation early next month.

Metolius, Ore.—H. M. Seethoff recently purchased for the Farmers Exchange the Portland Flouring Mills property which includes mill, elvtr., warehouse, office building and lands. These buildings were constructed about nine years ago and on the death of John Seethoff, Sr., the property was sold to Max Houser. The capacity of the mill is 200 bbls. per day. The elvtr. in connection with the mill has a storage capacity of 40,000 bus. and the warehouse has a capacity of 30,000 bus.

PENNSYLVANIA

Kresgeville, Pa.—The W. C. Chamberlin flouring mill was lately destroyed by fire.

SOUTH DAKOTA

Henry, S. D.—The plant of the Farmers Elvtr. Co. is being equipped with lightning rods.

Northville, S. D.—An electric motor has been installed in the plant of the Farmers Elvtr. Co.

Badger, S. D.—The Farmers Elvtr. Co. is installing in its plant a Strong-Scott Air Dump.

Garden City, S. D.—The Farmers Elvtr. Co. has installed a Strong-Scott Dump in its plant here.

Wallace, S. D.—The Tenney Co. has installed Strong-Scott Dumps in its local plant and also in its plant at Bradley.

Holabird, S. D.—The Farmers Co-op. Elvtr. Co. was recently organized here. The new organization will erect an elvtr.

Holabird, S. D.—J. C. Ryan of Highmore is erecting an elvtr. here which he will equip with a Strong-Scott Air Dump.

Lake Norden, S. D.—A Strong-Scott Air Dump will be added to the equipment of the plant of the Farmers Elvtr. Co.

Monroe, S. D.—A modern elvtr. is being constructed here by the Fleischmann Malting Co. to replace the plant lately lost by fire.

Pierre, S. D.—Frank Pettijohn has just completed the elvtr. he has had under construction and the plant is ready for business.

Gettysburg, S. D.—General improvements have been made on the F. C. Moody Elvtr. and a new air dump has also been installed.

Lowry, S. D.—Henry Thielen of Roscoe is the new mgr. of the Farmers Elvtr. Co. here, succeeding Fred Kremer.

Aberdeen, S. D.—The damage done to the plant of the Aberdeen Farmers Equity Exchange during a recent storm has been repaired.

Kranzburg, S. D.—Fire on July 27 burned to the ground the elvtr. of the Kranzburg Grain & Fuel Co. which was owned by Creaser & Jacobs.

Watertown, S. D.—The plants of the McBath Grain & Coal Co. at Raville and Yahota have each been equipped with new truck scales and air dumps.

Lennox, S. D.—We equipped our elvtr. with the best grade of Dodd & Struthers lightning rods on July 29.—Plucker Elvtr. Co., M. E. Plucker, mgr.

Crandall, S. D.—O. T. Strandness is the mgr. of the Farmers Elvtr. Co. here, succeeding V. B. Neer who will operate an elvtr. of his own at Crocker.

Presho, S. D.—The Farmers Shipping Ass'n, which has leased the Townsend Elvtr. for a year, is installing a Strong-Scott Dump and a 10-ton Fairbanks Scale.

Wessington Springs, S. D.—Winter Grain Co. incorporated; capital stock, \$10,000; to engage in a general grain and elvtr. business; incorporators, J. G. Aline and Gus J. Winter.

Faulton, S. D.—The Faulton Farmers Elvtr. Co. has just installed two 20,000-gal. fuel oil tanks and has also erected a warehouse in which it will handle this commodity on a wholesale basis.

Orient, S. D.—The Farmers Elvtr. Co. has made extensive improvements on both its elvtrs. by painting and equipping them with lightning rods and has also just completed the erection of a large new office.

Sisseton, S. D.—B. A. Sonstegard bot his partner's (Martin Johnson) interest in the firm of Johnson & Sonstegard and is now in charge of the plant. Mr. Johnson bot the plant of the Empire Elvtr. Co. here of which he has taken possession.

Geddes, S. D.—B. L. Meir, who has been operating an elvtr. here under his own name, is now with an organization which is operating under the name of the Geddes Grain Co. and incorporated for \$25,000. Incorporators are B. L. Meir, J. H. Crowley et al.

Walker, S. D.—The Columbia Elvtr. Co. of Minneapolis has built an elvtr. at this station on the Milwaukee Railroad. The elvtr. has a capacity of 30,000 bus. and is equipped with a Strong-Scott Truck Dump and Fairbanks Scales and F-M Engine.—M. G. Fischer, Agt.

Manchester, S. D.—The contract for a new elvtr. to replace one we lost by fire on July 5 was awarded to the T. E. Ibberson Const. Co. It will be a 40,000-bu. capacity cribbed house and workmen are now busy on the reconstruction of the plant which is to be completed and ready for business within three weeks.—Atlas Elvtr. Co., by B. E. Mostrom.

SOUTHEAST

Meridian, Miss.—The plant of the Meridian Grain & Elvtr. Co. will be enlarged.

Shenandoah Junction, W. Va.—Our firm name was changed from Reed & Myers to Myers & Hardy on April 14, 1925.—Myers & Hardy.

Berkeley Springs, W. Va.—Owen F. Jolley bot one-half of the interests of H. D. Allen in the Berkeley Springs Roller Mills. Mr. Jolley has been associated with the managing of the mill for a number of years.

TENNESSEE

Nashville, Tenn.—The Snell Mlg. Co. has incorporated; capital stock, \$50,000. Incorporators are F. J. Pemberton, J. J. Mulloy, E. Snell, A. R. Pemberton and Elmer D. Davis.

Nashville, Tenn.—The creditors of the Liberty Mills will receive 60% of the dividends as announced by the clerk of the chancery court in adjusting the receivership of the firm, and indications are that another small dividend will be paid at the final settlement of affairs of the company.

TEXAS

Fort Worth, Tex.—The Milo Head Mills has succeeded the Goldenrod Mills here with Bert Wilkerson as mgr.

Dorchester, Tex.—The Chapman Mlg. Co. lost by fire on July 24 its engine house and engine. House was detached from plant.

San Juan, Tex.—The Community Grain Elvtr. has been reopened by H. W. Hopkins. The plant has been closed for some time.

Floydada, Tex.—The W. J. Burke elvtr. was damaged by a fire which originated in or near a 15-h.p. motor in the top of the elvtr.

Port Arthur, Tex.—A 700,000-bu. addition will be built to the 500,000-bu. capacity elvtr. of the Kansas City Southern. The plans are completed.

Alamo, Tex.—The Alamo Elvtr., now the property of Burkhart & Williams, who lately bought it from W. R. Seber, has been remodeled.

Waco, Tex.—The Ruhmann Grain Co. has incorporated; capital stock, \$80,000; incorporators are T. F. Bush, A. E. Ruhmann and B. F. Knebel.

Corpus Christi, Tex.—The Frank Kell mlg. and grain interests contemplate erecting a terminal elvtr. here if the \$5,000,000 harbor improvements as planned are made.

Houston, Tex.—The United Hay Co. has incorporated here for \$10,000. Incorporators, W. L. Edmundson, H. H. Fred and H. L. Roberts. Grain will probably be handled.

Dallas, Tex.—The Pearlstone Mill & Elvtr. Co. has under construction a 300-bbl. per day corn meal mill which is to be completed by Nov. 1. The work is being done by Jones-Hettelsater Constr. Co.

Houston, Tex.—The work on the construction of the \$1,000,000 grain elvtr. for the ship channel has been temporarily suspended by the port commission on account of a vein of quicksand which was found on the site.

Muleshoe, Tex.—I have purchased the holdings of the Bailey County Elvtr. Co. at this station and will continue to run the business under the old name. I have been manager of this company for the past four years.—Ray Griffiths.

Leonard, Tex.—W. W. Rogers and Lon Chrisman are the new owners of the W. W. Rogers Grain Co. which will operate under the name of Rogers & Chrisman. Mr. Rogers managed the firm for a number of years, retiring recently during which time Geo. L. Williams was temporarily in charge. The new owners are now in charge of the business.

Sudan, Tex.—We are successors to Mayfield & Hay. We plan to erect a 10,000-bu. elvtr. this season. No other elvtr. here. Will install modern machinery thruout, including cleaner, air truck dump, etc. Plant will be located on the Santa Fe between Lubbock, Tex., and Clovis, N. M.—Sudan Grain & Elvtr. Co., A. J. Mayfield, sec'y-treas. and mgr.

WASHINGTON

Hoquiam, Wash.—The warehouse of H. A. Callison was recently damaged by fire.

Buena, Wash.—The Vollmer-Clearwater Co.'s elvtr. was slightly damaged by fire recently.

Marcellus, Wash.—The Farmers Elvtr. Co. has made extensive repairs on its plant here for handling the new crop.

Seattle, Wash.—The R. M. Hawkins Grain Co. incorporated; capital stock, \$10,000; incorporators, R. M. Hawkins and M. M. Burgess.

La Crosse, Wash.—The La Crosse Grain & Elvtr. Co. has made general improvements on its plant in addition to building a new platform.

Waitsburg, Wash.—E. H. Leonard was elected pres. of the Preston-Shaffer Mlg. Co. to fill the vacancy occasioned by the death of W. B. Shaffer.

Creston, Wash.—The Milwaukee Grain Elvtr. Co.'s plant was burned here July 15; loss, \$25,000. The fire started in dry grass under platform of elvtr.

Kahlotus, Wash.—The Phillippy Grain Co. has incorporated; capital stock, \$2,000; incorporators, A. F. Phillippy, George K. Delaney, S. J. Watson, and R. S. McKinney.

Tekoa, Wash.—L. J. Lauritzen, who for 22 years managed the Tekoa Grain Co., has retired. C. F. Schwarz, sec'y-treas. of the concern, was named mgr. to succeed him.

Seattle, Wash.—George W. Smith, a former member of the Stevens-Smith Grain Co. of this city, Spokane and San Francisco, died on July 22 at his home here following a paralytic stroke. He was 49 years old and is survived by his widow and daughter.

Mondovi, Wash.—Fire recently destroyed the Zeimantz Bros. elvtr. and badly damaged the concrete elvtr. of the Farmers Union Warehouse Co. Both plants had modern equipment. About 6,000 bus. of wheat were burned; total loss about \$35,000, insured. It is doubtful whether Zeimantz Bros. will rebuild. The plant of the Farmers Union Warehouse Co. will be rebuilt and the contract has been awarded to Alloway & George. The structure is to cost \$15,000.

Seattle, Wash.—The Seattle Merchants' Exchange Clearing Ass'n is the corporate name of the proposed institution here. The membership charge will be \$1,000 each for the first 50 members, \$1,500 for the next 25, and \$2,000 for the following 25. The rules of the association are based on those of the large eastern exchanges and would comply with the regulations of the Department of Agriculture. They provide that all transactions shall be cleared through the clearing ass'n by parties to the transaction. Margins when required are to be called by the mgr. of the ass'n.

WISCONSIN

Milwaukee, Wis.—The Cargill Grain Co.'s offices are now located in the Mitchell building.

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Grain Dealers Journal

309 S. La Salle Street, Chicago, Ill.

Milwaukee, Wis.—The Finance Committee of the Chamber of Commerce has set the August interest rate at 6%.

Shawano, Wis.—A. O. Anderson and M. A. Peterson have leased the Shawano grist mill and will do custom grinding.

Milwaukee, Wis.—A. L. Johnstone of Johnstone & Templeton, grain commission concern, was hurt recently by a fall which caused a fractured wrist and two ribs and other injuries.

Superior, Wis.—Wm. Bradley, a member of the Wisconsin Grain & Warehouse Commission, died July 19 after a few hours' illness. He was 65 years old and is survived by his widow and six sons.

Milwaukee, Wis.—Lyman G. Bournique died Friday, July 24, at Boston following an operation. He was 51 years of age and was formerly a member of the firm of Taylor & Bournique, a large grain firm here. His widow, a son and daughter survive.

Cadott, Wis.—The Crane warehouse being built here by E. J. Crane will be the fifth of his line of elevators and warehouses he operates in the state. Others are located at Chippewa Falls, Abbottsford, Stanley and Owen. Plant to be completed and in operation by Sept. 1.

Milwaukee, Wis.—A. R. Templeton, former mgr. of the local branch of the Grain Marketing Co., is mgr. for the Armour Grain Co. here which took over the business of the former. Mr. Templeton was branch mgr. of the Armour Grain Co. before the formation of the disintegrated Grain Marketing Co. He is pres. of the Chamber of Commerce.

WYOMING

Powell, Wyo.—A. D. Persson of Cheyenne contemplates opening the south side elevator, he owns here. He has arranged for a local man to take charge of the plant.

Western Roads Flout Plan of the Milwaukee for Rate Boost.

The Chicago, Milwaukee & St. Paul R. R. receivers have announced their inability to secure the support of other western railroads to their plan of rate making and they will advocate the scheme independently before the I. C. C.

The plan, conceived by former Interstate Commerce Commissioner Mark W. Potter (one of the receivers), proposes the segregation or an increase in freight rates on all western railroads and distributing it among them that the maximum benefits would go to the weaker roads. It comes under the general classification of the railroad agreements for pooling revenues which are permitted under the present law only in case of unanimous consent by all carriers involved.

Mr. Potter, it is understood, will endeavor to secure legislation from the next Congress which will strike out the provision of the law requiring unanimous consent of the carriers, and give the commission power to enforce the pooling agreement.

Miscellaneous merchandise tucked away in odd corners isn't paying interest on investment. Displaying such merchandise attractively is a sure means of converting such investments into cash, without suffering loss thru forced price reductions.

Federation counsel have given us their opinion that where sales are made in a state by a salesman representing a mill having its headquarters in another state, and the sale is made "subject to confirmation at mill," and the mill has no warehouse or office in the state where sale is made, such sales do not constitute "doing business within the state." When, however, as is frequently done, a miller sells a jobber or other wholesaler in a state other than the one in which the mill's headquarters are located, and then sends a "specialty man" or salesman to do "missionary work" among the retail trade, selling flour for the jobber or wholesaler, such transactions do constitute "doing business within the state."—A. P. Husband, sec'y Millers National Federation.

Grain Carriers

Surplus Cars on Class 1 railroads on July 14 numbered 309,560, all in good repair. This was a decrease of 2,012 cars under the number reported on July 7. No car shortage is being reported.

Grain and grain products loadings for the week ending July 18 totaled 43,956 cars, an increase of 5,885 cars over the previous week, 3,592 cars less the corresponding week a year ago and 2,314 cars under 1923.

Ten Oregon carriers appealed the decision of the Marion County circuit court dissolving the injunction obtained a year ago preventing the public service commission from enforcing the grain rate reductions of up to 25%.

Lorain, Ashland & Southern R. R., which is jointly owned by the Erie & Pennsylvania railroads, is soon to abandon its 67 miles of track. (Some 7 grain elevators are directly affected, and as many more indirectly concerned.) Custaloga is the southern terminus.

Minnesota Carriers have filed tariffs with the I. C. C. to increase intrastate rates to the Minneapolis and Duluth markets, this scale of rates being unusually low, it is alleged. The state commission has as yet acknowledged no need of relief. Other markets are joining the opposition.

Duluth, Minn.—The Northwest Regional Advisory Board met here July 21 for the purpose of taking every possible advance action to secure the co-operation of every agency connected with the handling of this season's grain crop in the prompt loading, release and movement of grain cars.

Helena, Mont.—The Great Northern and St. Paul roads declined to offer testimony favoring cancellation of westbound export rates on western Montana wheat, which indicates that Duluth and Twin-City pressure has been brought to bear. The Northern Pacific offered the same opposition given at the time the rates went into effect, Oct., 1922.

Vancouver, B. C.—As a result of an investigation on the part of the representatives of the Board of Grain Commissioners into the grain handling situation here, the Canadian National and Canadian Pacific railways gave notice that on and after July 30, 1925, no permits will be required for grain shipped to this point. Vancouver is thus placed on a parity with Ft. William.

St. Louis, Mo.—Government-owned fleet of 4 towboats and 19 barges operated by Edw. F. Goltra in the movement of grain, etc., is again in the courts. The federal court of appeals dissolved a restraining order on July 25 keeping the Sec'y of War, who operates the Mississippi-Warrior barge service, from taking over the control of the Goltra line and consolidating it with that of the one already controlled.

The Chicago & Northwestern Railway is soon to have direct connection with St. Louis from all points on its line by connection with the Jitchfield & Madison R. R. at Staunton, Ill., which rails it will lease. Thousands of dollars in business will be thus retained by the Northwestern which otherwise it would have to share with other carriers. The C. & N. W. has heretofore transported much of the grain reaching Chicago.

The Kansas City Board of Trade, K. C. Millers Club and the Southwestern Millers League are asking similar rate reductions as the northwest is going to ask for when appearing before the Western Trunk Line Com'te at Chicago on Aug. 19, particulars of which appeared on page 119 of our last number. The Southwest is asking a revision of domestic rates, from the Missouri River and the Southwest to the Atlantic Seaboard and

New England territories, by making the domestic rates to Baltimore no higher than the export rates to that point and observing the customary domestic differentials over Baltimore in fixing rates to Philadelphia, New York and Boston, etc. The same competition from Buffalo and other centers in the sale of grain and grain products on the Atlantic Seaboard and New England territories is to be contended with by the Missouri River and Southwest territories as by the Northwest. The Northwest proposes to use the present export rate to Baltimore from Minneapolis, etc., as proportional rates on domestic shipments from the Northwest from which the rates are the same as from Minneapolis, etc. (also using the customary domestic differentials over Baltimore in making rates to Philadelphia, New York, Boston, etc.). The Kansas City Board of Trade took the following stand: "Resolved, that a horizontal increase in rates on grain in the western territory at this time would be detrimental to the interests of agricultural producers, grain dealers and millers thruout the Southwest, including Kansas City, because of the increased cost of transportation for agricultural products, with resulting lower prices on such commodities, and because of the general disturbance of rate relationships upon a highly competitive commodity."

Decided by the Interstate Commerce Commission.

International Vegetable Oil Co. et al. vs. A. T. & S. F. et al., I. C. C. Docket No. 14311, awarded reparation after finding rates on cottonseed from points in Okla. to Dallas and Ft. Worth, Tex., unreasonable.

Grain rates between Minnesota and North Dakota points and between those two states and various other points in Ill., Wis., Ia. and S. D., which four western railroads proposed to put into effect Aug. 1, were suspended by the I. C. C. on that date.

The Chicago, Milwaukee & St. Paul was granted permission by the I. C. C. to abandon 13 miles of its branch line running from Babcock to Tomah, Wis., but was ordered to keep the line from Norway to Babcock in operation. The road wanted to abandon the entire line of 28 miles. (No elevators are affected.)

Oklahoma Traffic Ass'n et al. vs. C. R. I. & P. et al., I. C. C. Docket No. 15975, prescribed maximum reasonable rates and awarded reparation upon finding rates on peanuts, shelled or unshelled, from Suffolk, Franklin, Norfolk and Petersburg, Va., and other points in Group A to McAlester, Shawnee and Oklahoma City, Okla.

H-O Cereal Co. v. A. T. & S. F. Co. et al., found not unreasonable or unjustly discriminatory the rates on rolled oats from Buffalo, N. Y., to various destinations in Calif., Nev., Ore. and Wash., and dismissed the complaint, the complainant not shown to have been damaged by any undue prejudice which may have existed. (I. C. C. Docket No. 15774.)

Galveston Com'l Ass'n v. Galveston, Harrisburg & San Antonio Ry. Co. et al., I. C. C. No. 12798, prescribed bases for nonprejudicial rates after finding rates on certain commodities in export, import, or coastwise movement via Galveston, Tex., unduly prejudicial to Galveston and unduly preferential to New Orleans, La. Rates on cottonseed and peanut cake, meal and oil from Tex., Okla., Ark. and La., and grain and grain products from Okla., Kan. and other western states, and from Texas over certain roads, are affected. Interveners that opposed the complaint include the Texas Cottonseed Crushers' Ass'n, Texas Grain Dealers' Ass'n, Grain Dealers' Ass'n of Oklahoma, Wichita Board of Trade, Kansas Grain Dealers' Ass'n, Kansas City Board of Trade, Southwestern Millers' League and the Interstate Cotton Seed Crushers' Ass'n, urged that the principle of port equalization should be extended rather than restricted, in the interests of the widest outlets for grain consigned to the world's markets, which is usually quoted in price at Gulf, without designating any specific port.

Bovill & Sons, London, a century old oats specializing concern, failed with a heavy loss to creditors recently.

Chicago Board of Trade v. A. T. & S. F., et al., in No. 15511, was awarded a finding of undue prejudice and new rates on grain and grain products prescribed by the I. C. C. The complaint alleged unreasonable rates compared with corresponding rates from Iowa, etc., to East St. Louis and Granite City, Ill., Sioux City, Des Moines and Council Bluffs, Ia., Kansas City and St. Louis, Mo., and Omaha, Neb. Same were also found unduly preferential.

Rates on grain and grain products from Chicago, Mississippi River crossings and Lake Michigan ports to northeastern Ohio do not justify an increase, the I. C. C. ruled Aug. 8. Schedules covering the increases were correspondingly ordered canceled. Authorization was given the carriers, however, to apply for the establishment of schedules which will make rates to Alliance, Ravenna, Atwater, Aurora, Ohio and neighboring points which correspond to the rates to Youngstown.

The I. C. C. in conference July 28 adopted the following conference ruling: Upon inquiries as to the effect of the decision rendered on June 8, 1925, by the Supreme Court of the United States in *Wm. Danzer & Co., Inc. v. Gulf & Ship Island R. R. Co.*: The Commission construes that decision, considered in connection with the decision in *Kans. City So. Ry. v. Wolf*, 261 U. S. 133 (see Conf. Ruling of February 23, 1924), as prohibiting common carriers subject to the interstate commerce act from paying straight overcharge claims which were barred by statute at or prior to the amendment of June 7, 1924, to paragraph (3) of section 16 of said act, and as prohibiting the Commission from awarding reparation on any claim which was barred by statute at or prior to the date of that amendment.

Great Northern Opens Virgin Section.

A new wheat empire twice the size of the state of Rhode Island is being opened in Montana, along the Canadian border, as a result of the initiative taken by 800 farmers in chipping in \$325,000 with the Great Northern railway to build a 50-mile extension westward from Scobey, as was announced in the last number of the Journal.

For years the farmers of Daniels and Valley counties, lying next to the Canadian boundary, have sought a branch line. Just when it looked as if they were going to get one, the war came on and the government cancelled all plans for extensions. Then, when the railways finally were turned back to private control, the Great Northern was too busy with rehabilitating its main line system.

So these Montana farmers had to go on hauling their products 65 miles to market by wagon and motor trucks, but they kept persistently importuning the company officials to build them a line; they even maintained a regular railway committee.

Finally the road decided that if the farmers of the two Montana counties would absorb \$250,000 worth of company stock the line would be built. The farmers loosened their purse strings so quickly that they immediately oversubscribed this sum by \$75,000.

Construction work already has begun. Five new towns will be established in this domain and each of these towns will draw grain, etc., from about 15 townships.

By October twenty miles of the road will be built to the coming town of Peerless. Next year the remaining 50 miles of rail will be laid to the terminal town of Opheim.

Considerable area in Canada will be served by this railway extension. By next year, when the road is completed, it is estimated an additional million and a half bushels of wheat will be marketed from this region.—P. J. P.

Now that the Grain Marketing Co. has been dissolved as wished by the farmer agitators what are they going to do about it? No doubt some of them will soon launch a real co-operative terminal company without capital, experience or mechanical facilities, yet they will guarantee to handle all the surplus grain for a cent a bushel and return a net gain of two cents a bushel to stockholders. That will catch suckers.

Supply Trade

Good advertising becomes profitable with good distribution.—Class.

Newark, N. J.—P. C. Gunion has resigned as advertising and market research manager of the Hyatt Roller Bearing Co., and will take an extended trip abroad to make a personal study of business conditions in several foreign countries.

Chicago, Ill.—The Central Bag & Burlap Co. has sold its building at 6001-3 So. Western Ave. to the American Can Co., and has leased for a term of ten years a one-story building at 4515 So. Western Ave.

The U. S. Rubber Co. has increased its plantation holdings in the Far East by the purchase of 6,000 acres in Malaya from Belgian interests. The property, which is planted and which will be in production next year, adjoins other property of the company.

New Orleans, La.—The Chase Bag Co. has leased the third unit of the Army Base Supply Bldg. and will open a branch plant. Machinery for the new plant will be installed this month. H. L. Condon will be in charge of this factory. Carl Hopusch will be assistant manager.

Chicago, Ill.—The following Illinois elevators have recently installed Howe Scales of 10 tons or over: Assumption Grain Co., Assumption; John Meister, Fairbury; J. J. Connerley, Millersville; Atkins Bros., Prentice; C. R. West, Loda; C. W. Frame & Co., Rochester; Joe Schafer, Springfield; John Fryer, San Jose.

Minneapolis, Minn.—Carter-Mayhew Mfg. Co. announce the construction of a new one story plant, adjoining its present buildings. This new building will house the executive offices and provide additional manufacturing space. It will be of reinforced concrete and the foundations and footings will be adequate for the erection of additional stories as the need for increased manufacturing space increases.

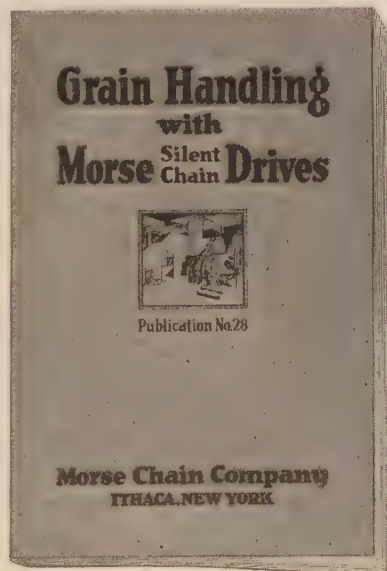
New Morse Publication.

Morse Chain Company's new Publication No. 28, "Grain Handling with Morse Silent Chain Drives," has just been issued and contains much that is of interest to grain men.

Aside from some good examples of direct chain drives to elevator heads, using their 3" pitch chain, the book also contains many interesting examples of the application of Morse Silent Chains to all sorts of elevator and mill machinery.

It contains a number of suggestions that may prove valuable to those responsible for grain plant operation.

A copy of this book may be had from the Morse Chain Company, Ithaca, N. Y., or from any of its offices.



Reduces Tolls Avoids Expensive Inaccuracies

Pope & Eckhardt Co., prominent Chicago Grain Commission Merchants, commend the Universal Grain Code. This company has used this Toll Saver continuously since its publication. Read the convictions of a user:

Chicago, Dec. 19, 1924.

Grain Dealers Journal,
Chicago, Ill.

Gentlemen:

We have used the UNIVERSAL GRAIN CODE extensively since this book was made available to the Trade some years ago. We find it is a Code that can be used much more freely in expressing desired information on orders, purchases, sales, prices and other intimate matters involved in the Grain Trade; therefore, that it demonstrates without further explanation, a saving in cost which we consider a most important item. It is sure that with a much larger number of words, that can be used to give expression to what is desired to communicate with our country patrons that it offers occasionally a few more difficulties to prepare a message, but that is quickly overcome with increased familiarity with the book.

We have found that our customers also use this book extensively and find it convenient and profitable, even if for no other purpose than saving of telegraphic tolls.

We consider it a most useful and desirable book for use in the Grain Trade and the various interests related thereto.

Very truly yours,

POPE & ECKHARDT CO.

EAD-B

When such companies as this place so strong an endorsement on any code, it is conclusive proof that it possesses real merit.

Follow the example of the Pope & Eckhardt Co. and its customers; stop the leaks in your business by using an accurate, toll saving, grain, feed and seeds code.

Printed on rice bond paper, 146 pages, substantially bound in flexible leather, size 7x4½ inches, weight 5 ozs. Price, f. o. b. Chicago, \$3.00. Book paper, board covers, \$1.50.

Grain Dealers Journal

309 So. La Salle St. Chicago, Ill.

Seeds

Charlotte, N. C.—Mail addressed to the American Seed Co. is returned marked "Unclaimed."

Sheridan, Wyo.—J. W. Liles & Co. is installing bean cleaning machinery in its warehouse.

Salt Lake City, Utah.—Mail addressed to Sam Williamson, seed dealer here, is being returned marked "Unclaimed."

San Jose, Ill.—A new 44x38 ft. three-story and basement warehouse is under construction for the W. G. Kelly Seed Co.

New York, N. Y.—S. Sander, P. Lasker and G. H. Sternberg have incorporated the I. L. Radwaner Seed Co. for \$10,000.

Ovid, Mich.—A new reinforced concrete and steel 50x100 ft. two-story warehouse is under construction for the Vaughan Seed Co.

Geo. Tait & Sons, Inc., Norfolk, Va., filed trademark Ser. No. 211,066, descriptive of seeds, etc. The mark is the word "Thoroughbred."

Indianapolis, Ind.—J. E. Ryburn is the successor to the Southern Seed Co. The latter went into the hands of a receiver on June 1.

New York, N. Y.—C. F. Wood, seed broker here and one of the organizers of the Wood Stubbs (seed) Co. of Louisville, Ky., died at the latter place July 31.

Kansas City, Mo.—The installation of a new dust collecting system in our seed cleaning plant here was just completed.—H. S. Patrick, pres., Rudy-Patrick Seed Co.

Madison, Wis.—A. M. Eldridge, for many years vice-pres. and ass't mgr. of the Henry Field Seed Co. of Shenandoah, Ia., will join the L. L. Olds (seed) Co. as of Aug. 15.

Sheridan, Wyo.—The J. W. Denio Mfg Co. is installing bean picking equipment in its properties. Bean growing is being sponsored by the Idaho Bean & Elvtr. Co. here.

Louisville, Ky.—Charles D. Ross is again connected with the Ross Seed Co. as pres. after over four years' resignation. Alfred S. Chescheir, pres., sold control of the company after 18 years' connection.

Denison, Ia.—The Denison Seed Co.'s cupola over its circular elevator caught fire from the motor. The automatic scale was among the equipment badly damaged. Stored grain was rendered salvage when the fire department water-soaked it. Insurance was carried.

Memphis, Tenn.—L. P. Cohen of Huntsville, Ala., is president of the Southern Seedmen's Ass'n, having this honor bestowed at the annual meeting, July 20-22. Chas. A. Hill of Nashville and W. P. Hill of Louisville are the respective first and second vice-presidents. Frank S. Love of Montgomery, Ala., is the financial sec'y.

Imports and Exports of Seeds.

Imports and exports of seeds for June, compared with June 1924, and for 12 months ending June 30, are reported by the Bureau of Foreign and Domestic Commerce as follows:

	IMPORTS		12 mos. ending June	
	June 1925	June 1924	1925	1924
Alfalfa, lbs....	150	803,637	4,810,100	12,898,711
Beans, lbs....	6,348,222	3,052,275	85,272,324	53,152,377
Peas, lbs....	703,596	1,102,198	28,619,831	15,719,711
Clover, lbs....	443,445	285,040	29,387,464	53,091,509
Br. Seeds, lbs....	194,024	132,641	3,704,093	4,022,871
	EXPORTS		12 mos. ending June	
	June 1925	June 1924	1925	1924
Alfalfa, lbs....	1,990	3,050	403,448	312,801
Peas, bus....	26,459	39,379	549,381	695,395
Peas, bus....	2,607	3,473	61,080	111,083
Clover, lbs....	3,527	452	862,925	783,471
Timothy, lbs....	48,721	45,911	16,457,687	15,501,856
Other Grain				
Seeds, lbs....	108,591	55,375	5,552,180	3,405,112

Kansas City, Mo.—Howard county has won the state-wide Clover and Prosperity Contest and the \$500 prize by seeding the greatest percentage of cultivated land to legumes between Jan. 1, 1924, and May 1, 1925.

Topeka, Kan.—At the last session of the Kansas legislature, a law was enacted regulating the sale, offering or exposing for sale, and the distribution of agricultural seeds defining agricultural seeds, providing for their labeling, inspection and testing, prohibiting the sale of certain seeds, and providing penalties for the violation of this act, etc.—Sec'y E. J. Smiley in Kansas Grain Dealers' Ass'n Bulletin No. 126.

Jacksonville, Ill.—The explosion of a truck originated the blaze that demolished the grass seed hulling mill properties of John and Harry Hall at a loss estimated close to \$20,000 (insured). Two carloads of blue grass seed, sacked and ready for shipment, and valued at \$12,000, were also a total loss. The mill was formerly used as a feed and flour production plant, but in recent years has been operated as above indicated. Hall Bros. made a specialty of blue grass seed. A short time ago Hall Bros. lost another building near the mill which was used as a blue grass seed cleaning plant. A new plant will replace this loss.

Toledo, O., Aug. 1.—Old stocks of clover seed certainly not a burden to any one. Toledo does not usually have so small an amount. Very little if any been pressing. Holders feel it should bring a handsome premium over the new futures before new crop available. European carryover not known. This country probably drained all their good seeds last season. News touching their new crop conditions very meager. Early in the week market was lower, but finished strong. Lack of offerings with some aggressive buying Friday and Saturday caused quick recovery. We put it that way because to date nobody has had the nerve to sell any of the futures. Quite a few buying orders here but nothing doing to date. We hear of a few country lots changing hands, but Toledo has not registered any trade in the futures. Still contend that nothing will be done until the price is around red clover values, and perhaps not then if talk of small crop persists. Laid dormant for some time but since it got under way plenty of buyers have come into the market and offerings gone glimmering. Talk of a very short new crop finally got under the skin of most of the dealers and their attempt to buy the futures here met with few offerings.—J. F. Zahm & Co.

PROFIT is assured by using correct Grain Grading Equipment



Official Brown Duval
Moisture Testers
Scales
Sieves
Triers
Mixers
Sample Pans
Accessories

Why Not Electrify Your Moisture Tester?

Our equipment used by the Government
Grain Inspection Depts. and thousands
of mills and elevators.

Seed Trade Reporting Bureau
1018 So. Wabash Ave.
Chicago, Ill.

Southern Seedsmen's Meet at Memphis.

Today the Southern Seedsmen's Ass'n is one of the outstanding factors of the seed industry so it is natural the sessions of its seventh annual convention held at Memphis last month were well attended.

Clarence K. Jones of Baltimore, Md., (sec'y of the Wholesale Grass Seed Dealers Ass'n), presented one of the most pertinent subjects confronting the seedsmen of the country, viz., the intentional rank crookedness going on in the seed industry.

H. G. Hastings of Atlanta, Ga., followed up the exposure with a strong plea for the co-operation of the members to exterminate the crooks of the trade lest the public cast its ruinous talons on the entire market. It was brought out that it is far better to "clean house" one's self than to have the government wield its destructive broom. When members express themselves as willing to have a federal inspector certify every shipment as to correct labeling, etc., rather than permit the situation to continue.

"What Seed Laws Mean to the Seedsmen," was aptly presented by Walter Pfaender of the Albert Dickinson Co.

Postal rates revisions and its effect on the mail order catalog division of the seed industry was treated by Mr. Hastings and unified opposition to the recent advances was assured.

President John Ross' annual address outlined helpful suggestions for the coming year, as well as to summarize the advances made during the past twelve months. He, also, pled the case of keeping the faith of the buying public, especially thru careful grading and tested germinations. The problem of county agents, seed laws, postal laws, disclaimers, conferences, etc., were all touched upon.

The Tennessee House Bill No. 386 was especially emphasized. The bill went thru legislative channels unopposed until it reached the governor, who only would promise leniency in its enforcement. The sale of agricultural seeds is regulated thereby and provisions are made for a standard of purity.

"Why Not Sell Better Seeds," was treated by L. A. Nevins. "Cheap seed," he said, "is a paradox. The cheaper it is the dearer it is."

Sec'y Frank S. Love elaborated on the subject of the use of the disclaimer. "Eighty-five percent of the seedsmen in America do not use the disclaimer in the proper position on their letterheads and on their invoices, nor do they use the correct wording thereof," he said. "Your disclaimer must follow your salutation, to be legal," Sec'y Love pointed out.

Leo P. Cohen of Huntsville, Ala., was chosen president; H. M. Kilgore, Plant City, Fla., 1st v-pres.; Wm. Hall, Louisville, Ky., 2nd v-pres.; and Frank S. Love, Montgomery, Ala., financial sec'y.

New members admitted at this session in-

Seed Movement in July.

Receipts and shipments of seeds at the various markets during July, compared with July 1924, were as follows:

	FLAXSEED		Receipts		Shipments	
	1925	1924	1925	1924	1925	1924
Chicago, bus....	98,000	111,000	1,000	1,000		
Duluth, bus....	458,827	119,079	230,510	83,883		
Milwaukee, bus....	24,310	4,290		2,455		
Minneapolis, bus....	286,110	264,000	63,860	54,120		
Montreal, bus....	96,076	36,255				
New York, bus....	15,500					
Superior, bus....	357,872	94,456	154,721	24,913		
	KAUF AND MILO		Receipts		Shipments	
	1925	1924	1925	1924	1925	1924
Kans. City, bus....	221,100	249,700	203,000	228,000		
St. Louis, bus....	70,800	10,800	96,000	46,640		
Wichita, bus....	1,200	11,400	2,400	11,400		
	CLOVER		Receipts		Shipments	
	1925	1924	1925	1924	1925	1924
Chicago, lbs....	68,000	1,000	114,000	177,000		
Milwaukee, lbs....		6,850		441,416		
*New York, bgs	**400	1,200	591	190		
†Toledo, bags....	34	4	1,071	729		
	TIMOTHY		Receipts		Shipments	
	1925	1924	1925	1924	1925	1924
Chicago, lbs....	687,000	507,000	323,000	516,000		
Milwaukee, lbs....	30,000	180,000		385,005		
Toledo, bags....	244	100	175	49		

**Timothy receipts included. *Tons. †Alske included.

clude: Dixie Feed & Seed Co., Montgomery, Ala.; W. L. Fain Grain Co., Atlanta, Ga.; Florence Feed & Seed Co., Florence, Ala.; North Alabama Seed Co., Florence, Ala.; Russell-Heckle Seed Co., Memphis, Tenn. (re-instated). Associate members chosen were: Condon Bros., Rockford, Ill.; G. E. Conkey Co., Cleveland, O.; Council Bluffs Seed Co., Council Bluffs, Ia.; Grand Junction Seed Co., Grand Junction, Colo.; G. B. Lewis Co., Watertown, Wis.; Peter Peerbolte Co., South Holland, Ill.; and the Phoenix Seed and Feed Co., Phoenix, Ariz.

Retiring Pres. Ross was presented with a handsome silver pitcher and goblet set in appreciation of his untiring efforts in behalf of the welfare of the membership and of the organization.

Conference of Wisconsin Seedsmen Held.

Highly remunerative sessions from the standpoint of knowledge gained rewarded the attendants of the Second Annual Conference of Wisconsin Seedsmen, held at Madison, last month.

Prof. A. L. Stone ably led the sessions.

The work the college is doing in the breeding and growing of certified and registered seed was explained and the co-operation of the dealers of the state in the matter of handling more pure bred seed was enlisted.

The present status of the "hard seed question" was elaborated upon by Dr. David Schmidt. In this connection Prof. E. J. Delwiche told of experiments conducted by the state institution of learning covering the variations in the hardness of red clover seed according to sources. "Italian seed," he set forth, "is not adapted to the conditions as we find them in this state."

Fred W. Kellogg, of Milwaukee, pres. of the Wholesale Grass Seed Dealers Ass'n, addressed the Conference on "The Seedsmen's Part in the Betterment of American Agriculture." In speaking of the far too many seed laws in force Mr. Kellogg mentioned the present drawing up of a federal law which is hoped will do much towards furthering the interests of the seedsmen of the country to the benefit of all concerned. The Conference spent an afternoon in discussing segregated segments of the state seed law.

Peder Back handled well the subject of European seed raising.

Unanimously the Conference voted to make Madison its headquarters for the next annual meet.

Alsike and Red Clover.

There are two and a half times as many seeds in a pound of alsike as there are in a pound of red clover. Therefore, one pound of alsike clover seed means 16 seeds and one pound of red clover means 6 seeds per square foot on one acre uniformly seeded, according to scientific rates. This quota presupposes that the seed is reliable and tested for germination. In other words, as there are two and a half times as many seeds in a pound of alsike as red clover, more than twice the weight of red clover will be needed to secure an even portion of the two clovers.

A larger quantity of alsike is now being used than a few years ago. A Connecticut bulletin, in commenting on the two clovers, says: "This may be due to its withstanding freezing, wet and acid soils better than red clover. Alsike makes a finer hay than red, but does not yield quite as well, neither does it produce as large a second crop. It frequently lives for several years, while red clover seldom lives for more than two years. However, it cannot be counted upon for more than two seasons. Alsike should be used exclusively on soils which are inclined to be wet, but a mixture of red and alsike is best where both wet and dry conditions exist.

Hay Association at Cedar Point

The 32d Annual Convention of the National Hay Ass'n was opened at The Breakers, Cedar Point, Ohio, by Pres. G. F. Brown of Charleston, W. Va., Tuesday, July 28.

After the invocation by Rev. Havighorst of Charleston, Pres. Brown read the report of the Board of Directors which included the following recommendations: reduction of the annual dues to \$10.00 per year; the employment of a traffic manager; that the ass'n's arbitration rules be so amended as to put teeth in them, with the suggestion that a bond of sufficient amount be required of both parties to fully protect the other; that the Transportation Committee be composed of seven members instead of five as at present.

Sec'y Taylor's report covered thoroughly the activities of the ass'n during the past twelve months. In closing he said:

So far as I can say at this moment, this is my last year as your Secretary. No man can serve an organization like this for a quarter of a century and pick up and leave it without some heartaches and regrets. I am not capable of expressing to you today what I would like to say. In the first place, I am too full for utterance; in the next place, there are no words in my vocabulary that are strong enough to tell you how I feel. The time has come when it seems best for me and perhaps for this organization that I get into other activities. This opportunity has come to me unsolicited from Los Angeles, Calif., and I have accepted it. I shall take up my new duties as soon as it is possible to be done. So in closing just let me say that I shall never forget the kindness and the loyalty that has been given me unreservedly, and the outstanding spot in my life has been the friendships, the big, broad, uplifting kind that I have formed in this work.

C. F. Haeberle, Charleston, W. Va., read reports of the hay crop from different sections of the country.

Sec'y Taylor read the report of the Committee on Statistics from which the following is taken:

It is probably not generally known, but it is a fact that hay is one of the four major field crops of the United States. During the year 1924 the farm value of hay was outranked only by two other commodities, corn and cotton. For the year 1924 the farm value of the entire crop of corn was \$2,405,468,000 and cotton \$1,487,225,000, while that of hay was \$1,467,648,000 and that of wheat was \$1,136,596,000. There were approximately 6,000,000 tons more of hay produced the past year than in the year 1923, which, by the way, reflects the ever upward trend of production of hay as shown for the last 20 years. About 15% of the hay crop enters the hay commerce of the United States.

W. A. Cutter and W. E. Murphy, representing the Horse Ass'n, spoke at length on the effect the proposed legislation against the horse would have in the hay business.

W. L. Harding, ex-governor of Iowa, in an interesting address advocated the opening of the St. Lawrence-Great Lakes Waterway.

L. W. Perkins, Traffic Manager, Cincinnati Grain & Hay Exchange, suggested the equalization of rates between shipments east and west of the Pennsylvania Line.

The following officers were elected: Pres., H. A. Bascom, Boston, Mass.; 1st V. P., L. A. Raney, Goldsboro, N. C.; 2d V. P., T. J. Hubbard, Lansing, Mich.

An Appreciation

Tuesday evening at the annual banquet of the ex-president of the ass'n J. Vining Taylor, the retiring sec'y-treas., was presented with an elaborate loving cup as an appreciation of the 25 years' service he has given the ass'n. Mrs. Taylor was presented with a wrist watch and purse.

Coaxing Smiles

[Write the story of your funniest grain trade experience to the Journal and you will receive one dollar for each story published. Address The Smile Coaxer, care Grain Dealers Journal.]

The First Week's Difficulties of the Elevator Helper.

My first week as a helper in a country elevator brought me many embarrassments. To start with, I dumped two loads of wheat into the receiving pit without closing the valve to the boot and of course we had a lot of mixed grain. Before the first day was over I hastily dumped a load of wheat in with a load of oats so mine was the pleasant task to run the mixture over a cleaner, screen the oats out on the floor and then shovel them into a bin. To make matters worse I forgot to take the wheat screens from the cleaner and run a large load of oats into it before I discovered my neglect.

One day I was beginning to think that I had mastered all the details of the position. I had almost finished cooping a car to my complete satisfaction, when I was called to the office. While I was there a switching crew came along, hooked on to the car and ran away with my hammer, nails, broom, paper and other utensils. When I saw the car going down the side track I left the customer and ran after it and I didn't go back to the elevator until I had recovered all the boss' property which I had left in that car. Shortly after I returned to the elevator the pesky crew pushed the car back to the elevator where I had it for loading. I was so completely disgusted that I swore like a trooper and entered a vigorous complaint with the section boss. He said he would find out what was the matter with that crew, but I never missed any of them so I presume the higher officials approved of their scurvy trick.

—E. J. M.

OAT BLEACHERS

Now is the time to figure on your Oat Bleacher requirements for the coming season. We specialize in Oat Bleachers and can give you prompt service.

THE ELLIS DRIER COMPANY

1223 So. Talman Avenue
CHICAGO

Supreme Court Decisions

Buyer not Required to Furnish Cars.—Under contract for sale of rice containing no express stipulation as to shipping directions or furnishing cars, it devolved upon seller to procure cars and deliver rice on board them.—*Ark. Rice Growers Co.-Op. Ass'n v. Arkadelphia Milling Co. Supreme Court of Arkansas. 272 S. W. 848.*

Telegraph Co. not Liable for Error in Cipher Message.—Stipulation on telegraph blank, exempting company from liability for error in cipher messages, held valid against sendee of interstate message, especially in absence of showing that defendant knew or had notice of the value of the message, or was guilty of willful misconduct or gross negligence.—*Thos. G. Hardie & Co. v. Western Union Tel. Co. Supreme Court of North Carolina. 128 S. E. 500.*

Trade-mark for Wheat Flour May Not Be Extended to Stock Food, as Against Prior User on Such Product.—The use by defendant of the word "Noxall" for a number of years as a common-law trade-mark, and later as a statutory trade-mark for wheat flour, held not to invalidate a later use and subsequent registration by complainant of "Nox-All" as a trade-mark for stock food, and the later use by defendant of its trade-mark on similar stock food held an infringement.—*Simpson T. Pease v. Scott County Milling Co. U. S. District Court, Eastern District of Missouri. 5 Fed. (2d) 524.*

Railroad Company Held Liable for Fire from Locomotive Engines.—In action for damages for destruction of plaintiff's property by fire from defendant's locomotives, admission of evidence that defendant's locomotives emitted sparks in unusual quantity and size, and for more than 3 months before and after the fire, held not erroneous, where admittedly competent evidence connected such remote conditions to, and tended to establish defendant's negligence with, fire in question.—*Cincinnati, N. O. & T. P. Ry. Co. v. Alexander. Court of Appeals of Kentucky. 272 S. W. 886.*

Liability of Warehouseman and Sureties.—Sureties on warehouseman's bond held not liable for value of cotton in principal's hands when bond expired and afterwards lost or misappropriated. Warehouseman held liable as bailee for his negligence or misconduct, causing loss of cotton while still in possession thereof after expiration of his certificate of qualification, though sureties on his bond were not liable beyond life of certificate.—*McMillan v. Farmers Bonded Warehouse. Supreme Court of Arkansas. 272 S. W. 866.*

Recovery from Railroad Co. of Expense of Handling Grain Damaged.—Allegation of petition for damages to shipment of grain that, after rejection thereof by buyer, plaintiffs made diligent, but unsuccessful, efforts to sell to others at destination, and were compelled to reship to elevator company elsewhere to have grain put in salable condition and diminish resulting damages, held tantamount to allegation that expenditures for such purposes were reasonable and necessary. Shippers' expenses in reshipping damaged grain to nearest point at which it could be cleaned and prepared for market, including freight charges and traveling expenses of caretaker, if reasonable in amount and necessary, are recoverable, not as special, but as consequential, damages.—*Panhandle & S. F. Ry. Co. v. F. J. Schell. Court of Civil Appeals of Texas. 265 S. W. 759.*

Panama duty on imported rice has been reduced from 5c to 2½c per kilo (2.2 lbs.) for the period from July 1 to Dec. 31.

Terminal Shipment Applied on Sale from Interior Point.

The Emery Thierwechter Co., of Oak Harbor, O., plaintiffs, v. the H. L. Buss Co., of Boston, Mass., defendant, before Arbitration Com'te No. 3 of the Grain Dealers National Ass'n, composed of S. L. Rice, F. J. Schonhart and G. Ellsworth Meech.

Sept. 27, 1923, the plaintiffs, through their broker sold the defendants 3 cars recleaned No. 3 yellow corn at 97½ cents. October 2 they sold them 3 more cars recleaned No. 3 yellow corn at \$1.00, all for November shipment, Boston basis.

Nov. 30 the plaintiffs shipped the six cars of corn from Chicago, furnishing official certificates showing a grade of No. 3 yellow corn. The destinations being various New England and Canadian points.

On receipt of the Bs/L the defendant discovering the corn was shipped from Chicago, they refused to accept the shipments on contract claiming the corn was not recleaned and that the plaintiffs had advised them the corn would be shipped from Oak Harbor, Ohio.

Plaintiff's broker, on instruction from them, resold the corn to the defendants for 93½ cents. Entailing a loss of \$492.85. It is for this amount that the plaintiffs bring this action.

The evidence shows that it was originally the intent of the plaintiffs to ship the corn involved in this contract direct from their Oak Harbor, Ohio, elevator. However, prior to the expiration of this contract the defendants advised the plaintiffs they would not accept anything but officially inspected corn. The plaintiffs then advised the defendants that they would stand back of their shipments and if any doubt about the corn being No. 3 yellow would stand all charges resulting to an appeal regarding grade. This proposition was not accepted by the defendant. For this reason the plaintiffs then shipped official inspected No. 3 yellow corn from Chicago.

The defendants contend that Rule 25, of the Grain Dealers National Ass'n, Trade Rules, covers the point for their refusal of the shipment.

Rule No. 25 reads: "Terminal Market Sales: Sales made out of any terminal market for a specific number of days' shipment shall be filled with shipments from the point from which sold, unless otherwise agreed or understood at time of trade."

It is the opinion of this committee that Rule No. 25 does not apply for the reason that Oak Harbor, Ohio, is not a "terminal market."

This point not having an official inspector and the defendants positively refusing to accept corn shipped from there unless it carried official inspection papers, made it mandatory on the part of the plaintiffs to go in any official market for corn to cover their contract.

The defendant's plea that the corn was not recleaned is quite important, but they give no evidence supporting this contention.

It is a well known fact that official inspectors take no cognizance of whether grain is recleaned or not and therefore the official papers would not carry this information. The buyer in such a case must have confidence in the seller to furnish recleaned grain. In no case did the official certificates carry a notation that the corn contained any foreign material, which is evidence that the corn must have been clean.

There is no evidence but what the shipments went to the destinations as originally billed and were satisfactory.

This com'te finds for the plaintiffs and allows their claim of \$492.85, the cost of this arbitration to be paid by the defendants.

World Wheat Crop Remains Above Last Year's.

Wheat production forecasts from 17 countries received by the United States Department of Agriculture up to July 28 give a total of 2,109,000,000 bus. against 2,065,000,000 bushels from the same countries last year. These countries normally produce more than three-fourths of the world's wheat crop outside of Russia.

Data are still lacking for some of the important producers of the Northern Hemisphere including France, Germany, Yugoslavia and Russia. In these countries, the latest reports show a condition above average and better than at the same time last year. The crop, however, is not yet made and there is still a chance for unfavorable weather conditions to adversely affect the final outcome.

The wheat crop of Hungary is now forecast at 63,199,000 bus. compared with 51,568,000 bus. harvested last year. Rye production is placed at 29,132,000 bus. against 22,103,000 bus. produced last year; barley 11,127,000 bus. against 14,712,000 bus.; oats 22,046,000 bus. against 15,713,000

bus. No forecasts are yet available for the other crops but condition reports including corn, potatoes, sugarbeets, forage crops, etc., are all above average.

Meditations on Elevator Practices.

BY A DRIVEWAY GOSSIP.

Poor business, due to the uncertainty of the markets this season and the wide and sudden declines in prices is a complaint I've met on every hand in my travel among country elevators. Hardly a single elevator man or broker has failed to mention it. All, as a single voice, have added, "If the Boards of Trade don't watch their step, the government will get after them." Why blame the Board of Trade, it never deals in grain?

* * * * *

Storing grain for the farmers is rapidly falling into disfavor. Even the farmers elevators of Illinois have discontinued this unprofitable practice. This first aid to the speculating farmer has always been a source of loss to the elevator operator. To prevent his elevator becoming filled so no more grain can be accepted the operator must sell what is received for what the market will bring. When peak prices are reached the farmer gives orders to sell and the grain man has to pay more than he received for the grain.

If actual grain is stored and held the shrinkage can become enormous. Corn will shrink as much as 23%, tho ordinarily it is figured at 15%. Wheat and oats will always shrink some. The farmer scoffs at any allowance for shrinkage, and the elevator man invariably accepts a heavy loss rather than have an argument with an influential farmer, so he is compelled to stop storing or become bankrupt.

* * * * *

Pigeons are as much out of place in an elevator as pigs in the parlor. Particularly during the height of the grain receiving season. This occurred to me following a visit to the farmers elevator at New Berlin, Ill., where I walked up a long driveway and over the receiving pits, one of which was covered only by grating. As I entered the cribbed building I heard a whirr of wings and what seemed a hundred pigeons heralded my arrival by flying out the opposite doorway.

Glancing upward I noticed the cut-off to a grain chute was being used by one pair as a nesting place. Bits of cob-web festooned hay and straw dangled over the edges of the board.

Tell-tale bits of string and hay disclosed other nests in nooks and crannies of the driveway. Pigeons roosted over the grain pits—even over the one that was covered only by grating. And in this season pigeons have lice and are dirty.

I meditated over what a vigilant fire marshal would say if he saw those pigeon nests in the drafty driveway, and about how much extra premiums on the fire insurance the manager had to pay for the privilege of keeping pigeons.

Closing Licensed Elevator in North Dakota.

C. W. McDonnell, State Railroad Commissioner of North Dakota, informs us that Rule 13 of the commission requiring elevator operators who discontinue business to notify immediately all holders of storage tickets is as follows:

RULE 13. Whenever the owner, lessee or manager of a public elevator or warehouse licensed to do business in this state desires to close his warehouse or elevator temporarily, he shall first make application to the Commission for permission to do so. Blanks will be furnished for this purpose. Notice of such application to close shall be posted in a conspicuous place in such elevator or warehouse at time application is made and holders of all outstanding storage tickets notified by registered mail at last known address. Arrangements for redemption of storage tickets must be made at local point, except in case of spurs or other shipping points where no banking facilities are located. In such cases, if unable to make arrangements locally, the nearest or most convenient banking location will be permitted.

If closing of elevator or warehouse is permitted, notice shall be posted on outside of office door, stating where storage tickets may be redeemed.

Railroad Claims Collected

Send in Claims of every description. No Collection. No Pay.

The Security Adjustment Co., Inc.

332 Builders Exchange Bldg., MINNEAPOLIS, MINN.
References: Any bank, mercantile agency, commission
firm or Editor of this publication.

Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Com'n the carriers have made the following changes in rates:

Penn. supplement 11 to tariff Ill. C. C. F-344, effective Aug. 1, (Investigation No. 3071), increases rates on grain to Peoria and Decatur, Ill.

Illinois Traction System's supplement No. 5 to tariff No. 874-A, Ill. C. C. No. 337, effective Aug. 9, (Investigation No. 3070), increases rate on grain from Utica to Chicago, Ill., to 10½¢.

Erie cancellation notice of all tariffs in connection with B. & O. (S. W. S. B. O. & W.); Chgo. & Erie; C. I. & W.; P. L. & W.; Y. & O. R.; and participating carriers named herein, and the abandonment of the Lorain, Ashland & Southern R. R., is effective Aug. 18, interstate and Ohio intrastate Aug. 1.

A. T. & S. F. tariff No. 5655-A-3 (cancels No. 5655-A-2) (also for account of Gulf, Colorado & Santa Fe) gives local, joint and proportional commodity freight tariff applying on grain, grain products and seeds from points in Mo., Kan., Okla., N. M., and Tex.; also Superior, Neb., to Galveston, Houston, Texas City, Beaumont, Orange and Port Arthur, Tex. (when for export as shown in tariff), effective Aug. 31.

C. R. I. & P. supplement No. 5 to tariff No. 31408-E and to I. C. C. No. C-11394 (cancels supplement No. 4 and further postpones effective date of tariff) of local, joint and proportional rates on grain, grain products, seeds and broom corn from stations in Colo., Kan., Mo., Neb., N. Mex., and Okla., also Council Bluffs, Ia., and Memphis, Tenn., to Memphis, Tenn., New Orleans, La., and stations in Ala., Ark., La., Miss., Mo., and Okla., effective July 21, and includes all current changes.

Ill. Cent. supplement No. 48 to 1537-G (No. 47 to Ill. C. C. No. A-748) to freight tariff of local, joint and proportional rates applying on grain, grain products, cotton seed products and seeds and articles taking same rates between stations on Ill., Ind., Wis., also Dubuque, Ia., and St. Louis, Mo., to Chicago, Milwaukee, Minneapolis, Paducah, Peoria, St. Louis, Ohio River Crossings and other stations in Ill., Ind., Ia., Ky., Mich., Minn., Mo. and Wis., suspends advance on Illinois intrastate traffic until Nov. 21.

A. T. & S. F. (suspension) supplement No. 4 to tariff No. 7481-K to I. C. C. No. 10024, and to P. S. C.-Mo. No. 415, (cancels supplements Nos. 3, suspends tariffs Nos. 7481-K, I. C. C. No. 10024, and P. S. C.-Mo. 415, respectively), of joint and proportional commodity freight tariff applying on grain products and seeds from stations in Colo., Kan., Mo. and Okla.; also Superior, Neb., on the S. T. & S. F., G. C. & S. F., L. & T., and G. C. W., to points in Ala., Ark., Kan., Ky., La., Mo., Miss., Okla., Tenn. and Tex., effective July 30, further suspends tariff until Oct. 31. (I. & S. No. 2281.)

C. M. & St. P. supplement No. 2 to tariff No. 15484-B, I. C. C. B-5099, gives the reshipping rates on grain products and grain by-products from Chicago to Eastern Trunk Line territory in connection with the C. M. & St. P., G. T. or P. M. Car Ferry via Milwaukee, also applying to Albany, N. Y., and Philadelphia, Pa., rate points located on the D. & H. via Suspension Bridge and Lehigh Valley R. R. as shown in Grand Trunk Eastbound Guide Book 514-B, I. C. C. A-2097 and L. V. rate basis No. 12, I. C. C. No. 4. Whole grain may be reshipped from Chicago and stopped in transit at Milwaukee for milling, malting, etc., at a thru-rate from Chicago.

C. & E. I. supplement No. 9 to tariff No. 600-A, I. C. C. No. 165, of local, joint and proportional rates on grain, grain products and grain by-products, also broom corn, green corn, corn cobs, cotton seed, cotton seed ashes, seeds (broom corn, flax, Hungarian and millet) and red top seed chaff, from stations on the C. & E. I., also from Henderson, Owensboro, Ky. (and stations on the L. H. & St. L. taking Owensboro rates) and from Cairo, Ill. (via M. & O.), Joliet, Ill. (via E. J. & E.), Milwaukee, Wis. (via M. St. P. & S. S. M.) and Momence Transfer, Ill. (via C. M. & G.), to points in Ill., Ind., Ia., Ky., Mich., Minn., Mo., O., Pa., W. Va. and Wis., effective Sept. 1.

C. R. I. & P. supplement No. 21 to tariff No. 22000-H, I. C. C. No. C-11168, (cancels No. 19), shows an advance in the rates on flax seed and articles taking the same rate from Chicago to St. Paul, Minneapolis and Minnesota Transfer. (Section 2 Item No. 213-A), effective Sept. 1.

C. R. I. & P. supplement No. 38 to tariff No. 28675-F, and to I. C. C. No. C-11230, completes cancellation of supplements Nos. 14 and 15 and cancels supplements Nos. 26 and 37 of local, joint and proportional rates on grain, grain products, broom corn, alfalfa cake and meal, linseed cake and meal and seeds, between Chicago, Peoria, Rock Island, Ill.; Council Bluffs, Ia.; Kansas City, St. Joseph, St. Louis, Mo.; Minneapolis, St. Paul, Minn.; Omaha, Neb., and stations taking same rates as shown on pages 14 to 33, incl., of tariff, also stations in Colo., Ill., Ia., Kan., Minn., Mo., Neb., Okla., and S. D., to stations in Colo., Kan., Neb., N. Mex., Okla. and Texhoma, Tex., effective Sept. 3.

A. T. & S. F. supplement No. 29 to tariff No. 5588-M, 28 to I. C. C. No. 9317, and 27 to P. S. C.-Mo. No. 360, (cancels tariff to No. 5588-M, I. C. C. No. 9317, and P. S. C.-Mo. No. 360, respectively), of local, joint and proportional commodity freight tariff applying on grain and grain products, etc., between points in Kan., Colo., Mo. and Okla.; also Superior, Neb., and Joplin, Mo., and points in Ill., Ind., Ia., Kan., Mich., Minn., Mo., Neb., Okla. and Wis., effective July 27. Under I. & S. No. 2245 portions of supplement No. 23 to the above Santa Fe tariff (supplement No. 22 to I. C. C. No. 9317) which were suspended in supplements 28 and 27 respectively, until July 28, are hereby canceled or withdrawn and will not become effective. (Rate in A. T. & S. F. tariff No. 5588-N, I. C. C. No. 10056, P. S. C.-Mo. No. 418, or as amended, will apply.)

C. R. I. & P. supplement No. 37 to tariff No. 28675-F, No. 36 to I. C. C. No. C-11230, (cancels Nos. 36 and 35, respectively) of local, joint and proportional rates on grain, grain products, broom corn, alfalfa cake and meal, linseed cake and meal and seeds, between Chicago, Peoria, Rock Island, Ill., Council Bluffs, Ia., Kansas City, St. Joseph, St. Louis, Mo., Minneapolis, St. Paul, Minn., Omaha, Neb., and stations taking same rates as shown on pages 14 to 33, incl., of tariff, also stations in Colo., Ill., Ia., Kan., Minn., Mo., Neb., Okla., and S. Dak., to stations in Colo., Kan., Neb., N. Mex., Okla. and Texhoma, Tex., cancels and withdraws all provisions and rates shown as effective October 1, 1924, in Supplement No. 25 to I. C. C. No. C-11230, on pages 2, 3, 4, 7 to 27, inclusive, 29 and 30 thereof; also all provisions and rates shown in Supplement No. 26 to I. C. C. No. C-11230, in connection with Index Nos. 2001 to 2011, inclusive, which were suspended until July 28, 1925, as of July 27, 1925. Rates and provisions of I. C. C. No. C-11230, as amended, will apply.

E. B. Boyd, agt., supplement No. 45 to Circular No. 1-R, to I. C. C. No. A-1444, etc., (cancels supplements Nos. 42 and 43), of Western Trunk Lines gives rules, regulations and exceptions to classifications which take precedence over the classifications governing tariffs made subject hereto, effective September 1. Grain, grain products, grain by-products, seeds, feeds, beans, peas, chaff, hay and articles taking the same rates, etc., are among the commodities affected. Flax-seed screenings, other ground or unground screenings (sections A and B respectively) covered in rules Nos. 285-J (which cancels 285-I) received reduced ratings, while animal and poultry feed (section C) received an advance, (conditions and exceptions set forth in tariff). Furnishing small cars in lieu of large cars (rule No. 740-B) via the C. & N. W., C. R. I. & P., C. St. P. M. & O., E. J. & E., E. & L. S., Ill. Cent. or M. St. P. & S. S. M., (when these companies are unable to furnish car of sufficient capacity to accommodate minimum carload weight as prescribed in tariffs, and for their own convenience furnish a small car), charges will be collected on basis of actual weight, but not less than marked capacity of car furnished. Effective Sept. 1, flax seed, linseed, timothy or millet seed, in bulk, will not be accepted unless loaded in cars which have been properly lined with paper or cloth at shipper's expense, to prevent loss by leakage. Hereafter it will be necessary to inform carrier's agent that flax or millet seed is to be loaded (Rates on timothy seed are also hereby advanced. This does not apply on Minnesota, South Dakota or Wisconsin intrastate traffic.)

C. R. I. & P. supplement No. 20 to tariff No. 31408-C, I. C. C. No. C-11066, (cancels No. 11), reduces the rate on wheat and corn from six Kansas points to both Memphis, Tenn., and New Orleans, La. (Item No. 35-C) (C. F. 27151) on mixed carloads of seeds and sorghum grain seeds (milo maize or kafir corn) the minimum weight on seeds will apply, providing the weight of the sorghum grain seed does not exceed 33 1/3% of the total weight of the entire shipment. This is a reduction (Item No. 37-A) (C. F. 27151). Covers exceptions in 35-C, which is also a reduction in mixed shipment rates. (Item No. 41) Non-application of rates thru Southeastern territory. (Item No. 360) Reduction in alfalfa meal rate from points in Colorado to New Orleans. A withdrawal notice of supplement No. 8, covering rates under suspension in Investigation and Suspension Docket No. 1931, is published, effective Aug. 31.

When you see a car leaking grain in transit, send us the essential facts for free publication. It may help a brother shipper to establish his claim for loss and prompt him to reciprocate in kind.

HESS PNEUMATIC GRAIN DRIERS

Used everywhere—
NONE BETTER

For twenty-five years this drier has led all others in efficiency, economy and convenience. Made in various sizes, suitable for all grain drying needs. Tell us your wants.

**HESS WARMING &
VENTILATING CO.**
1207 So. Western Ave.
CHICAGO

Patents Granted

1,546,304. Pivoted Bucket Conveyor. John C. Merwin, Milwaukee, Wis., assignor to Chain Belt Co., Milwaukee. Parallel chains having buckets between them supported on cross rods, have separable brackets supporting the ends of the cross rods and connecting them respectively with the opposite chains.

1,544,709. Bag Cleaner and Sacker. Thelo Glenn White, Cedar Rapids, Ia. The sack cleaner comprises an outer casing semi-cylindrical at the bottom, an outlet therefrom, and an internal sifting barrel provided with a peripheral scraper with spirally disposed, flaring sides converging where the barrel passes the outlet.

1,546,132. Grain Separator. Jos. H. Heishman, Clarendon, Va. Piercing fingers extend from a piercing roller co-operating with a pressure roller and rotatable at a different speed so as to cause components of the pressure roller to exert a stress toward the piercing roller in the direction of the length of the co-operating piercing fingers.

1,544,545. Automatic Grain Weigher. Geo. M. Baird, Wichita, Kan. Suspended from a scale beam is a 2-compartment hopper comprising an oscillating deflector valve, doors hinged to the bottom of the hopper, with rocker members and connecting rods so formed that the downward movement of one door will be slower on the beginning than the first closing movement of the adjacent door.

1,546,360. Filling Bags. Adelmer M. Bates, assignor to Bates Valve Bag Co., Chicago, Ill. This method of producing filled bags comprises suspending a bag from above, filling the bulk of a charge of material into the bag while it is so suspended, then discontinuing the suspension and supporting the bag from beneath, and, while the bag is supported from beneath, weighing it and sifting into it the necessary additional amount to complete the charge.

1,545,230. Pneumatic Grain Conveyor. Geo. Bernert, Milwaukee, Wis. The apparatus includes an air duct, an upwardly extended feeder conveyor casing communicating at its upper end portion with said duct, a valve seat in the upper end portion of the feeder conveyor casing, a valve slidably mounted in the upper end portion of said casing and movable to engage

by gravity against said seat, and means for conveying material upwardly in said casing to open said valve and feed said material therewith into the duct.

1,546,361. Filling and Weighing Bags. Adelmer M. Bates, Chicago, Ill., assignor to Bates Valve Bag Co., Chicago. This apparatus for filling and weighing bags comprises a filling tube, means for holding a bag with the discharge end of the tube inside of and near the closed end of the bag, means for forcing material out through the tube, compacting it against the end of the bag, and thereby forcing the bag off of the tube, weighing means, and automatic mechanism acting when the bag has been forced to a fixed point, to move it from that point and place it on the weighing means.

1,546,316. Conveyor. Gustav R. Roddy, Milwaukee, Wis., assignor to Chain Belt Co., Milwaukee. The conveyor is a combination with a pair of sprocket chains and pivoted conveyor buckets, with overlapping edges located between the chains, of cross rods on which the buckets are pivotally supported, each located outside of an axis of articulation of the particular links of the chain supporting the rod, and connections between the rods and the chains rigidly uniting the former with both the outside and the inside bars of the links with which the rods are severally directly connected.

1,544,765. Poultry Feed Mixer. John C. Lawrence, Puyallup, Wash. This apparatus forms a poultry feed mixture with the ingredients blended in accurate weight proportion with respect to previous test weight per Winchester bushel of each ingredient, comprising in combination, mechanism for measuring a plurality of ingredients of the mixture to deliver each respective ingredient quota in specific bulk proportion to the whole mixture to retain the proportions in accordance with such previous test weight, and a receiving hopper for receiving the separate ingredients from said mechanism, said hopper having a plurality of mixing deflectors for first mixing initial groups of ingredients with each other and later mixing one segregated group with another, and said hopper having a final discharge for mixing all of the ingredients together.

Upon request from many municipalities Italian land owners have agreed to sell wheat at \$1.50 per bushel provided it is made into bread and sold to the working classes. This concession is designed to offset the import duty of 5 cents a bushel established July 24th. Evidently Italian farmers do not care for protection from the cheap wheat from North America.

Insurance Notes.

W. S. Van Derzee of Albany, N. Y., is now a director in the Grain Dealers' Mutual Fire Insurance Co. of Boston, having received the appointment of late.

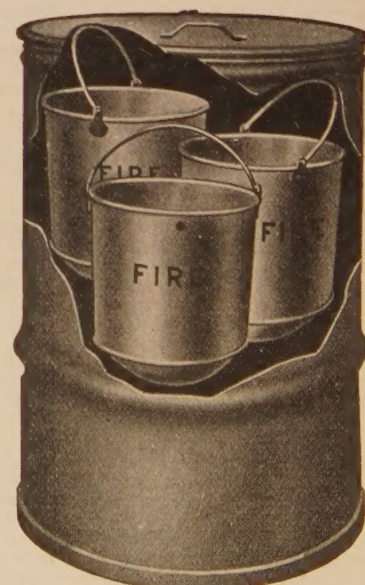
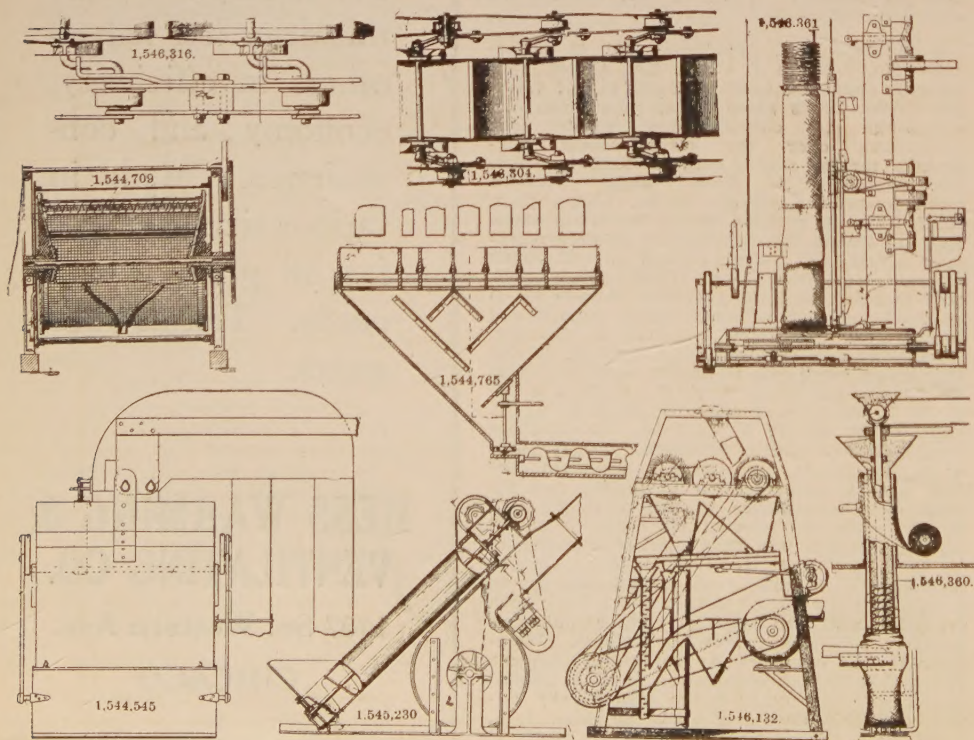
Baltimore grain insurance rates on export elevators are: Domestic wheat, \$1.85; domestic garlicky wheat, \$1.60; Canadian winter wheat, \$1.60; Canadian spring wheat, \$1.90; corn, \$1.40; oats, \$0.65; rye, \$1.15, and barley, \$1.10 per bu.

The Texas Markets & Warehouse Dept., University of Texas, Austin, has just chartered as a class "A" broadcasting station with call letters W. C. M.

"Letting a Customer Wait" is not guaranteeing his future business. Expressing interest in him, his family and their doings, especially in the salutatory greeting, is good salesmanship. Knowing one's customers, not being "gun-shy" of them, and not serving them as tho you were doing them a favor, makes the little profits larger. Big profits are made by adding little profits together and the little profits come from giving serious attention to many little things that are often overlooked. A comfortable reading or smoking room adjoining your office, with current farm periodicals, as well as literature of products you handle, is a trump card.—Larro Dealer.

Books Received

THE GRAIN TRADE at Great Western Ports, gives the reader of this 32-page artistically bound English booklet, (handsomely illustrated), an insight into the modes and means for handling grain thruout England. Dock facilities are herein pictured and described, as well as the mills at various ports served by the Great Western Railway. Grain and flour statistics for 1923 and 1924 are among other interesting items noted in this enlightening pamphlet. Illustrative maps enhance its value. R. H. Lear, General Agent, Great Western Railway, 315 Fifth Ave., (Corner 32nd St.), New York City, has a copy he will gladly send you on application.



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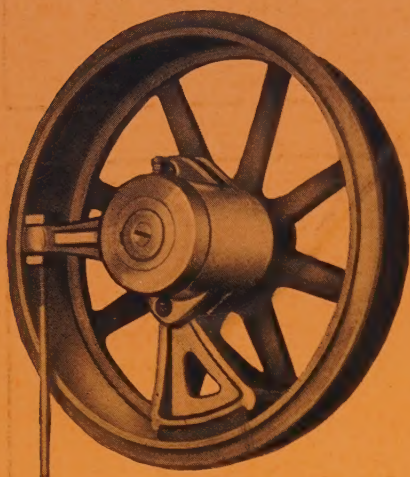
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